PART A

1. Research project title
Alpilink: German-Romance Language Contact in the Italian Alps: documentation, explanation, participation

2. Duration (months)
36 months

3. Main ERC field
SH - Social Sciences and Humanities

4. Possible other ERC field

5. ERC subfields

1. SH4_10 Language typology; historical linguistics
2. SH4_11 Pragmatics, sociolinguistics, linguistic anthropology, discourse analysis
3. SH5_8 Cultural studies, cultural identities and memories, cultural heritage

6. Keywords
1. german linguistics
2. minority languages
3. romance linguistics
4. cultural heritage conservation
5. digital humanities
6. language contact and language change in the Alps

7. Principal Investigator

**RABANUS**
(Surname)

Professore Ordinario (L. 240/10)
(Qualification)

Università degli Studi di VERONA
(Organization)

**STEFAN**
(Name)

stefan.rabanus@univr.it
(E-mail address)

8. List of the Research Units

<table>
<thead>
<tr>
<th>n°</th>
<th>Associated Investigator</th>
<th>Qualification</th>
<th>University/ Research Institution</th>
<th>e-mail address</th>
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<tr>
<td>1</td>
<td>RABANUS Stefan</td>
<td>Professore Ordinario (L. 240/10)</td>
<td>Università degli Studi di VERONA</td>
<td><a href="mailto:stefan.rabanus@univr.it">stefan.rabanus@univr.it</a> (adesione completata il 28/12/2020)</td>
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<tr>
<td>2</td>
<td>ALBER Birgit</td>
<td>Professore Ordinario (L. 240/10)</td>
<td>Libera Università di BOLZANO</td>
<td><a href="mailto:birgit.alber@unibz.it">birgit.alber@unibz.it</a> (adesione completata il 05/01/2021)</td>
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<td><a href="mailto:livio.gaeta@unito.it">livio.gaeta@unito.it</a></td>
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MUR - BANDO 2020
9 - Substitute Principal Investigator (To be identified among one of the research units participating in the project).

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<td><a href="mailto:livio.gaeta@unito.it">livio.gaeta@unito.it</a></td>
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10. Brief description of the proposal

The Alps have always been an area characterized by both remote and isolated communities and major routes of interchange between cultures. As a consequence of these long-lasting exchanges and influences among different languages and cultures, a unique cultural and linguistic landscape has come to light which is characterized by a homogeneous common ground - the so-called central crest-mountain landscape - and an impressive number of convergent cultural, economic, historical and linguistic phenomena. This is especially true for the southern slope of the area where the Germanic-Romance contacts were particularly close in spite of the rise of nationalism connected with the processes of political unification of the Italian national state and the subsequent conflicts characterizing the last century. The actual situation reflects this history, although the attraction of the lowlands and its spreading the national culture and language has grown consistently - especially thanks to the dramatic impact of the media. Such an effect has almost jeopardized the very survival of the cultural and linguistic richness of the Alpine landscape.

In order to bear witness to this richness - and with the ultimate aim of opposing the process of levelling - the research project AlpiLinK will investigate the structures (phonetics/phonology, morphology, syntax) of all historically German minority languages in Italy and their contact languages, as well as other minorities found in the area. We will collect large-scale data by crowdsourcing methodologies in order to prepare the solid empirical ground for (a) describing the structure of the languages in typological terms, (b) providing a contribution to the theory of language contact that goes beyond evidence from unconnected and hardly verifiable data and (c) publishing an open-access Geographic Information System (GIS) for linguistic analysis, community engagement and promotion of cultural heritage. The feasibility of the project is guaranteed by a similar, already running GIS platform for the Trentino-Alto Adige and Veneto area (https://www.vinko.it). In this regard, the aim of this project is based on and expands the results of the previous project VinKo originally founded by the European Union within the 5-year collaborative research project "Advancing the European Multilingual Experience" (AThEME, 2014-2019). Clearly, the expansion also implies a partial remodelling of the original platform which will especially be updated and adapted to integrate the different cultural and linguistic landscapes found in the western and eastern part of the Alps. The community-engagement aspect is consistent with the objectives of Italian law 482/1999 as well as with UNESCO's 2003 convention for safeguarding minority languages and intangible cultural heritage.

11. Total cost of the research project identified by items
### Associated Investigator

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N.B. The Item B and TOTAL columns will be filled in automatically:
- item A.1: enhancement of months/person of permanent employees
- item A.2.1: cost of contracts of non-employees, specifically to recruit
- item B: overhead (flat rate equal to 60% of the total personnel cost, A.1+A.2.1, for each research unit)
- item C: cost of equipment, tools and software products
- item D: cost of consulting and similar services
- item E: other operating costs

### PART B

#### B.1

1. **State of the art**

1.1 Introduction: the German minority language communities and their contact languages

The German minority language communities in Italy (cf. Rabanus/Bidese/Dal Negro 2019 and Rabanus [ed.] 2018), formally represented by the ”Comitato unitario delle isole linguistiche storiche germaniche in Italia” (official map here: https://www.isolelinguistiche.it/de/unsere-sprachinselkarte.html), and their contact languages can be geographically subdivided in three groups. The Western group comprises Alemannic (Walser) dialects in contact with Franco-Provençal and Gallo-Italic in Piedmont and the Aosta Valley. In addition, Occitan also belongs to the minority languages spoken in the Piedmontese region: its consideration will be useful for understanding the effects of contact with regard to the standard language coming from the lowlands. The Central group is composed of dialects of Bavarian origin, i.e. Mòcheno in Trentino and various Cimbrian dialects in Trentino and Veneto. They are in contact with Romance dialects. The Bavarian dialects in South Tyrol are in contact with the Ladin varieties of the Dolomite valleys. They are sociolinguistically very different from the so-called minority-language islands because they are de facto the majority language of the area, backed by standard German as official language. The Eastern group is of Bavarian origin, too (Carinthian). It includes the dialects of the villages of Sappada, Sauris and Timau, located in Friuli and in contact with Friulian, and the dialects of Canale Valley where Slovenian varieties and standard German complete the multilingual picture. As far as standard contact languages are concerned, Italian is naturally involved for all groups; for the Aosta Valley, French must be added.

1.2 Dialect and minority-language documentation

The dialects and languages of the area have been extensively described by the traditional dialectological literature, with varying degrees of detail and accuracy. It is impossible to give an exhaustive list of the literature here. In principle, lexicon and (historical) phonology is well documented in language atlases (Tyrolean: TSA; Cimbrian/Mochéno: ZSA; Italian dialects: AIS, ALI; Ladin: ALD; Friulian/Slovenian: ASLEF; Alemannic: SDS; Aosta-Valley Franco-Provençal: ALF, AIS, ALI; APV, cf. Favre/Raimondi 2020) and many dictionaries. For some minority languages there are recent community-created online dictionaries (e.g., Cimbrian: http://www.zimbarbort.it; Mochéno: http://kib.ladintal.it; Aosta-Valley Franco-Provençal: http://www.patoisvda.org and Chenal/Vautherin 1997). Minority languages such as Cimbrian and Mochéno have a longer tradition of local-dialect or dialect-group grammars (e.g. Schweizer 2008, Rowley 2010) than Tyrolean or Italian dialects. Among the Romance contact varieties, Ladin is best documented (e.g., Gallmann et al. 2008-2018). The survey area forms part of two comprehensive projects featuring open-access information systems: VIVALDI (https://www2.hu-berlin.de/vivaldi) offers audio data with main focus on pronunciation for all dialects and minority languages in Italy. Verba Alpina (https://www.verba-alpina.gwi.uni-muenchen.de/en/?page_id=162&db=201) investigates and documents the lexicon of all languages in Alps. In sum, while much work has been dedicated to the lexicon, documentation on grammar is quite scarce.
All three geographic groups are subject of projects run by members of our team which constitute important preliminary work for our research proposal. The varieties of Central group are subject of the "Varieties in Contact" (VinKo) project, first version developed within ATHHEME (cf. Cordin et al. 2018), now financed with Dipartimento di Eccellenza funds and coordinated by the P.I. of this proposal (https://www.vinko.it). Featuring an already running platform, VinKo is the blueprint for our project proposal. So far, its data have been used in dialectological publications (recent grammar of Central Trentino dialects: Casalicchio/Cordin 2020) as well as psycholinguistic studies (Di Dona et al., in prep.). Contact in South Tyrol was topic of the KONTATTO project (coordinated by S. Dal Negro, cf. Ciccolone/ Franceschini 2015). For the German minority languages of the Eastern group, syntactic data collection and analysis is conducted by Tomaselli, Padovan and Bidez in the Verona research unit of the PRIN "Models of language variation and change: new evidence from language contact" (call 2017, P.I. R. Manzini). Walser dialects as well as the Franco-Provençal and Occitan minority languages of Piedmont and Aosta Valley are topic of the PRIN "Corpus linguistics meets Alpine cultural heritage: documenting and safeguarding linguistic minorities in the Alps" (call 2017, P.I. L. Gaeta, local research unit leader G. Raimondi).

1.3 Language-contact studies
Alpine contact scenarios form part of the canonical literature of language-contact and grammaticalization studies, see below for discussion (section 2.2.1).

2. Detailed description of the project: methodologies, objectives and results that the project aims to achieve and its interest for the advancement of knowledge, as well as methods of dissemination of the results achieved

2.1 Method of data collection
We will use a web-based crowdsourcing platform similar to VinKo for collecting the data (see 2.3 for technical details). Participants log in on the platform and perform tasks in which they transform visual input in speech (audio data). We will prepare four types of tasks:
(i) Translation tasks: participants are asked to translate a sentence presented in standard Italian (South Tyrol: standard German) into the chosen dialect or minority languages. In parts of the questionnaire the sentences constitute a story and are accompanied by pictures (picture-aided translation task).
(ii) Guided free-speech production task: participants are asked to provide answers to questions, based on their knowledge of the narrative of the preceding story. The question is presented in standard Italian (South Tyrol: standard German), but participants are given answers in their dialect.
(iii) Word pronunciation task: for the elicitation of phonological data words are presented in orthographies/writing systems developed for the local varieties in order to avoid translation of standard words into presumed dialect words that do not exist in actual facts. Example: for the variables 'preconsonantal s-retraction' we may present presa 'hurry' in the Trentino dialect instead of the standard Italian fretta. This task requires a specific questionnaire for every dialect group. Note: since all collected data are in audio format the complete corpus can be phonetically analysed.
(iv) Free speech production: participants are invited to provide free narratives that will be used for the verification of the elicited data and for purposes connected to the promotion of cultural heritages (see 2.2.4).

Since web-based crowdsourcing may be difficult for older speakers we will organize assistance in cooperation with local culture institute and minority-language associations, with the regional school authorities ("Alternanza Scuola-Lavoro") and with other suitable organizations of the areas (see section 4 for more detail).

2.2 Research objectives
We follow four objectives which relate to language-contact theory (2.2.1), crowdsourcing methodology (2.2.2), language documentation (2.2.3) and public outreach (2.2.4).

2.2.1 Language-contact theory
We want to conduct systematic and large-scale data collection in the entire area of the Italian Alps in order to give an empirically well-founded contribution to the theory of language contact and contact-induced change. A classical example taken from an Alpine contact scenario is the 'venire passive' attested in Ladin, Italian (qui viene costruita la scuola nuova "here comes built the school new") and some Bavarian dialects, interpreted as areal diffusion of a grammaticalization process among geographically adjacent communities (cf. Ramat 1998: 227-228; cf. Rowley 2010: 143 for the same construction in Mòcheno). In recent years, important work has been carried out in this respect to theoretical considerations and description of contact situation of specific language families, cf. the respective parts 1 and 2 of the handbook edited by Hickey (2020). However, previous research has two weaknesses; (i) theoretical modelling is usually based on single pieces of data taken from genealogically different languages. Often these language are neither generally known nor easily accessible, hence the quoted data cannot be evaluated by the reader neither with respect to their correctness nor with respect to their impact in the involved language systems (cf., e.g., the role of voiceless lateral fricative // in language shift from Ma’a to a Shamba in northeastern Tanzania reported by Thomason 2020: 42); (ii) case studies on corresponding features in languages in contact often fail to "separate real areal features, those due to diffusion, from historical accidents, which may be due to such factors as undiscovered genetic relationship, universals, onomatopoeia, parallel or independent development, sheer chance, etc." (Campbell 1985: 32), hence: they do not provide enough prove for the hypothesis that the corresponding features are really the result of contact-induced change. We will overcome these weaknesses because our method will take advantage of its three fundamental characteristics: (i) completeness: we will consider all varieties co-existing in the survey area, crowdsourcing methodology secures a finely-meshed network of locations, thus, the picture is complete for the entire Italian Alps. (ii) Comparability: we will collect exactly the same data for all varieties, departing from those cross-linguistically defined phonological, morphological and syntactic variables that were identified as presumably contact-sensitive in VinKo (cf. Cordin et al. 2018). Our research units specializes for all dialect and minority languages of the Italian Alps who guarantee the right choice of the linguistic variables (see 3.2, WP5) and their analysis. (iii) Accessibility: our data will be interpreted against the background of a synchronic and diachronic documentation (grammars, dictionaries, corpora; see above, section 1.2) which is good for most of the varieties of our survey (in comparison to the above-quoted example). Additionally we will put all collected data on an open-access platform, thus allowing their verification by both linguists and speech-community members (see 2.2.4 and 3.2, WP8).

Three recent case studies conducted by members of our team on Alpine contact scenarios shall briefly illustrate what kind of results drawn from three different linguistic levels, respectively word-formation, phonology and morphosyntax, we expect to get. As for derivational morphology Gaeta and Angster (2020) show that the development of -eb as general marker for action nouns in Walser dialects is induced by formal similarity with both the Italian action-noun suffix -ata and the Franco-Provençal diminutive suffix -etta. However, this is not simply a process of transplantation of a foreign element into Walser. Instead, the new Walser suffix is the result of the contact-favoured meaning transformation of old Alemannic -ete, -eta, attested also outside the Walser area (e.g., in Swabian). Alber, Kokkelmans and Rabanus (2021) highlight in their phonological study of s-retraction in the Eastern Alpine region that the emergence of the shared features requires a suitable departure configuration in the language contacts in preconsonantal palato-alveolar [] (e.g., German [t]adel 'haystack') shows up only
in those varieties in contact that historically have palatoalveolar [] as result of previous sound change and postalveolar [] in preconsonantal contexts, hence in all Germanic varieties and in Ladin (e.g., Gardesana [t]lilla 'star') but not in Veneto, Friulian or Slovenian (e.g. Špeler dialect [st]lupā 'foot', not [t]lupau). Rabanus (2020: 237) shows that the grammaticalization of the definite article in Cimbrian adnominal possession (e.g., di uzarne perger ‘our mountains’) is a surface-form alignment with the Romance contact dialects (i nostri monti). However, structurally the article word in these Cimbrian constructions is a demonstrative rather than a real article, hence Romance and Cimbrian language structure do not correspond.

2.2.2 Crowdsourcing methodology
We intend to collect the data via crowdsourcing using an internet platform where all data are recorded and stored. On the one hand, this method provides a more finely-meshed location network and a higher number of participants per location than the number of speakers who can be interviewed in traditional fieldwork on location. Additionally, organized storage of the audio data and automatic linkage of every single piece of audio data to their metadata opens up possibilities for semi-automatic data extraction, organization and analysis. On the other hand, criticisms concerning the validity of the data collected via crowdsourcing have been raised. Hence, in the methodological part we follow two directions: (i) evaluation of the crowdsourced data by comparing them with data collected in traditional fieldwork in selected locations and with data documented in the literature. We will also evaluate the reliability and validity of the data in correlation to age, gender and dialect competence of the informants. Additionally, differences in background noise are evaluated as to their impact on the quality of the data (with respect to the issue of ‘noisiness’ of different forms of crowdsourcing with audio data see Leemann et al. 2015: 2807). (ii) Creation of tools for semi-automatic data extraction, organization and analysis (see 3.2, WP4). The minimal aim is the creation of tools for filtering the results according to the informant-related variables age, gender and (self-rated) dialect competence of the informants (similar to SyHD-query, cf. Fischer/Limper 2019: 885).

2.2.3 Language documentation
One of the main outputs of the project is the online platform for documentation and comparison of the minority languages and dialects of the Italian Alps. Core of the documentation module is an open-access Geographic Information System (GIS) containing the quality-checked audio data for the cross-linguistically defined variables. In this GIS, the geocoded audio recordings will be retrieved (i) by clicking locations on an interactive map and (ii) by means of a research engine for filtering data for single locations or for all data tagged for a specific language group (e.g., Tyrolean, Fassan Ladin). The service will be available for both academics and speech-community members. It will be similar to that already provided by the Vinko section "Listen & Explore" (https://www.vinko.it/listen-explore.php) for the varieties of the Central group and by Verba Alpina for the lexicos (see 1.2). The academic community has access to the additional data in a password-protected area offering additional services relevant for linguistic research. (The Vinko data already collected [we estimate 50,000-100,000 geocoded audio recordings by the end of 2021] will constitute the basis for the proposed project.)

We will elaborate a data management plan according to the guidelines of the European Commission (Horizon 2020 DMP). Long-term accessibility of the data will be doubly secured, (i) by guaranteeing the commitment of the host university to keep the platform running after the end of the PRIN funding and (ii) by storing all data in a university-independent general repository (e.g., https://zenodo.org).

2.2.4 Public outreach and promotion of cultural heritage
We follow a "give and take" approach: minority-language community members provide the data that we need for our linguistic research, in exchange we make the data available to them ("restitutio") and to the world. In this way, we aim at promoting the multilingualism of the area - especially among the younger members of the communities - by showing its linguistic richness and highlighting the systemic character of dialects and minority languages, which for too long have been considered faulty copies of related standard languages. In doing so, we recognize dialects and minority languages as important elements of the cultural heritage. Supporting the prestige of these local and regional languages has an important social impact including economic effects (see section 4 for details).

2.3 Infrastructure
We will run a online platform where audio data is recorded, stored and made accessible through a Geographic Information System (GIS). The point of departure is the already running Vinko platform which will be implemented on Verona University's server (virtual machines) and adapted to the significantly bigger survey area featuring much more dialects and minority languages than the actual Vinko platform. Thus, this initial platform has the following technical characteristics: (i) programming/scripting languages: HTML5, PHP, JavaScript; (ii) database management system: MySQL community edition; (iii) for the GIS component: Leaflet JavaScript library for interactive maps, connected to Openstreetmaps; (iv) audio recorder: MediaStream Recording API; (v) Web Server: Apache on Linux. In so doing we guarantee to have a platform running within the first six months of the project (see Fig. 3 in section 3.3, schedule confirmed by Verona University's Computer Science Department). After that the system will be enhanced by developing new tools for data management and data representation (see 3.2, WP4). We use exclusively software with open-source licenses.

3. Project development, with identification of the role of each research unit, with regards to related modalities of integration and collaboration

3.1 Research team
The project will consist of 5 research units. They are in charge of the work packages defined in the following sections (3.2). Additionally, they are responsible for variety-specific tasks according to specific expertise of the research-unit members and their relationships to the local speech communities and other local and regional stakeholders. We highlight the fact that in our team we have specialists for all dialects and minority languages of the survey area. The responsibilities are as follows:

UniVR: German minority languages of the Eastern group, Cimbrian, Veneto dialects
UniBZ: Tyrolean, Môcheno, Ladin
UniTN: Cimbrian, Trentino dialects, Ladin, Friulian
Unito: Walser, Piedmontese, Occitan
UniVDA: Franco-Provençal

All associated investigators and most research-unit members collaborated in previous national and international projects concerned with dialects, minority languages and multilingualism (PRIN, Progetto di Eccellenza, EU's 7th Framework Programme [AthEME]; see above, 1.2).
3.2 Work packages

The project will be structured in 8 work packages assembling the different activities and objectives of the project: WP1-4 on organisation and technology, WP5-8 on content and dissemination. The personnel recruited for the project and the university staff are totalling 192 (real working-time) person months subdivided among universities as displayed in Figure 1 and among work packages as shown in Figure 2.

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Figure 1: person months per university

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Figure 2: person months per work package

WP1: Management and coordination

This work package contains the general management of the project including initial and final operations of launch and closure of the project and the coordination of the research units. In order to guarantee optimal interchange and collaboration among research units and work packages we will recruit a highly qualified young researcher (PhD in the subject area) for a three-years “RTD-A” position.

WP2: Platform creation and maintenance

This work package contains three tasks:
- creation of the platform featuring the basic functions for data collection, storage and accessibility (on the basis of the already running VinKo platform);
- import of already collected VinKo data (by the end of 2021 presumably 50.000-100.000 geocoded audio recordings and connected sociolinguistic data);
- maintenance for guaranteeing permanent accessibility including security updates.

WP3: Data Management Plan and personal data protection

In this work package we take care of two tasks:
- elaboration of a Data Management Plan consistent with the guidelines of the European Commission for storage of the data in project-independent archive which guarantees long-term accessibility;
- constant surveillance of personal data protection, preparation and constant updating of privacy agreement conditions.

WP4: Development of tools for data extraction, management and analysis

The action of this work package will consist of four steps:
- evaluation of freely available resources for database management (for transcription, segmentation and annotation e.g. WebMaus services; for data management the EMU Speech Database Management System (EMU-SDMS) or the tools developed in the SPADE project SPEeoch Across Dialects of English such as Polyglot DB and ISCAN Python API);
- data pre-processing (orthographic transcription and annotation activities);
- organization of audio and textual information in a corpus;
- development of procedures that allow the extraction of linguistic features and their automatic analysis for scientific purposes.

WP5: Data collection

The work package features two tasks. In Phase 1 (see below) the questionnaires will be prepared.

The elicited linguistic variables will be those of relevance for the investigation of contact induced change. They concern all structural levels of analysis. At the phonetic/phonological level we aim to elicit:
- obstruent and vowel inventories,
- phonetic realization of the rhotic /r/,
- phenomena of palatalization,
- syllable structure.

For morphology:
- weak and strong pronouns,
- articles,
- agreement morphology,
- auxiliary selection,
- evaluative morphology.
  For syntax:
  - determiners and proper names,
  - negative concord,
  - pro drop and pronominal subjects,
  - verbs and locative particles,
  - complementizers,
  - infinitive clauses,
  - causative constructions,
  - comparative constructions,
  - spatial deixis.

In Phases 3 and 4 the incoming data will be constantly controlled in order to put only quality-checked data in the open-access Geographic Information System. In this work package, all research units work in concert for the shared parts. For the variety-specific aspects responsibility is hold by the research units assigned to these varieties in the previous section (3.1).

WP6: Data elaboration and analysis
This work package constitutes the core of the linguistic module of the project: data is prepared for linguistic analyses (e.g., phonetic transcriptions, morphosyntactic glossing), then the analyses are conducted as sketched above (2.2.1). Critical evaluation of crowdsourcing methodology (see 2.2.2) forms also part of this work package.

WP7: Documentation and publication of results
The action consists in presentation of results in workshops and conferences, and in beginning to work on publications. Relevant international conferences include "Methods in Dialectology", "International Conference on Language Variation in Europe" and the yearly conference of the "Societas Linguistica Europaea"; additionally, in Italy, the conferences of the "Società di Linguistica Italiana" (SLI), in Germany the conferences of the International Association of Dialectology of German (IGDD).

WP8: Public outreach: speech-community participation
At the beginning of the project (Phase 2) we will conduct activities favouring the participation of speech-community members at data crowdsourcing, in concert with local stakeholders. In the main phase the aspect of restitution of the data to the speech communities will constantly become more important. We will promote the usage of resources prepared with and for the speech-community members in order to increase the visibility of dialects and minority languages and the awareness of multilingualism (see section 4 for details on social impact). In this work package all the research units will contribute with the amount of person months that corresponds to the number of varieties they are responsible for, considering also the size of the speech communities.

3.3 Time structure
The project will be organized in four phases through which we will achieve our objectives as analytically described in the work packages. These phases are briefly summarized, the timeline is then depicted in Figure 3.

Phase 1: In the kick-off phase, covering the first six months, the internet platform will be activated, recreating on University of Verona's virtual machines the system running on the VinKo platform (see above, section 2.3). VinKo data will be imported. In parallel the data collection will be prepared by revising the VinKo questionnaires and designing new stimuli, including the free speech production task (section 2.1, [iv]).

Phase 2: In the second phase data collection will be promoted in collaboration with the local and regional stakeholders (see below, section 4.2). In parallel (i) the Data Management Plan will be developed and action to secure the protection of the incoming personal data will be taken, (ii) the development of tools for data extraction, management and analysis will start.

Phase 3: The main phase focuses on linguistic analysis and the begin of the dissemination of scientific results (mainly conference participations). Furthermore, interaction with local speech communities shifts from data collection to data restitution. Development of tools will go on.

Phase 4: While analysis and dissemination will continue, the final phase will feature special action to make sure that the our GIS platform continues to work after the end of the project funding and that the collected data will be accessible in general repositories, independently from our platform. An event organized together with the representatives of the speech communities will conclude the project.
<table>
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<tr>
<th>Month</th>
<th>WP1</th>
<th>WP2</th>
<th>WP3</th>
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<tr>
<td>Phase 1</td>
<td>Management, coordination</td>
<td>Platform creation and maintenance</td>
<td>DMP, data protection</td>
<td>Development of tools</td>
<td>Data collection</td>
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<td>Phase 2</td>
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4. Possible application potentialities and scientific and/or technological and/or social and/or economic impact, with indications of the possible use of research infrastructures

4.1 Scientific impact

Expanding already existing contacts with other research groups focusing on common issues, we aim at developing a solid international networking on language contact, mountain linguistics, etc. (cf. Urban 2020). In particular, we will try to establish a common research bond with colleagues working outside Italy with the ultimate goal of competing for international grants at the EU-level. In this connection, we can rely on fruitful partnership which have already led to concrete results such as the workshop on the Alps as a possible linguistic area organized by Livio Gaeta and Guido Seiler (University of Zurich) and held at the 2018 conference of the Societas Linguistica Europaea (see Gaeta/Seiler, eds. 2021). The open-access Geographic Information System created by our project, de facto a morphosyntactic audio atlas of the Italian Alps, may be extended to a European research project on the entire Alps.

On the other hand, we will also pursue the idea of developing a solid national networking among the North-Italian universities placed in the Alpine arc and involved into the project with the aim of giving rise to common scientific and educational programs on these issues such as winter/summer schools, festivals and meetings in collaboration with local stakeholders, etc. (see below, 4.2). Besides the scientific and cultural aspects of this networking, which are relevant per se for the development of tight bonds among universities located in neighbouring regions, the perspective of reversing issues and methods of Alpine linguistics into targeted educational programs qualifies as an important spin-off of the project to the extent that these professional figures respond to concrete requirements coming from the stakeholders active on the Alpine territory.

4.2 Social impact

The Italian Alps are a linguistically very diversified area. Most of the minority languages mentioned in the Italian law 482/1999 for safeguarding minority languages and cultures are located here, i.e., Germanic, Slovenian, French, Franco-Provençal, Friulian, Ladin, Occitan. The platform will serve to directly render these languages (and the Romance dialects they are in contact with) more visible, and include them as part of the digital domain, which can form a way of aiding maintenance of local languages and raising prestige for the dialect varieties. Having an online visibility has been proven to have a positive effect on language prestige and language vitality, by representing a lesser-used language as part of the contemporary world and as such relevant for the future of a community (Eisenlohr 2004). While online media has proven to be a source of heavy pressure from larger standardized languages, it can also be a powerful tool for encouraging the use of local varieties and strengthening relations in dispersed communities (Graziano 2020).

The awareness of having an 'own' language and being able to actively contribute to its documentation, can be a powerful way of increasing the prestige and the perceived value of the local languages in the eyes of participants. Local languages form an integral part of the intangible cultural heritage of the Italian minority communities, and in order to safeguard both, it is vital to involve younger generations with the linguistic varieties of their parents and grandparents. The use of modern technology can stimulate contact between older and younger generations of speakers as well as represent the language in a way which appeals more to the younger generation (e.g. Dorian 2014; Grenoble/Whaley 2006; Jones 2014). This interaction already took place in the VinKo project in which high-school students acted as "assistants" for older people in the context of the mandatory activities for gaining work experience (PCTO, "Alternanza Scuola-Lavoro").

By providing online representation, the project can reciprocate and recognize the efforts that went towards the creation of the data and in its turn produce outputs which are freely accessible to contributors and serve to represent and give prominence to the collaborating communities for a broader audience. Apart from the direct social impact on local communities, the online platform will aid in working towards rendering the conducted research transparent and reproducible, in accordance to the EU's open science principles, and include important goals of public engagement and citizen science.

To increase the social impact we intend to involve the following stakeholders with whom some researchers of the local units already collaborated successfully in previous researches. These include, on the one hand, representatives of the minority languages and local culture institutes [e.g., the above [1.1] quoted "Comitato unitario delle isole linguistiche storiche germaniche in Italia" representing the various German minority-language institutes we are in contact with and the cultural institutes of the different Ladin communities such as "Istitut Ladin Micurà de Rü" and "Istitut Cultural 'Majon di Fascegn'" and, on the other hand, administrative offices concerned with minority languages (e.g., the "Bureau Regional Ethnologie et Linguistique" [BREL] in the Aosta Valley and the "Ufficio Scolastico Regionale per il Veneto").

5. Financial aspects: costs and funding for each research unit

<table>
<thead>
<tr>
<th>nº</th>
<th>Total cost (euro)</th>
<th>Co-funding (item A.1) (euro)</th>
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MUR - BANDO 2020
1. RABANUS Stefan 279.722 19.584 260.138 260.138
2. ALBER Birgit 184.880 25.550 159.330 159.330
3. GAETA Livio 120.715 25.447 95.268 95.268
4. CORDIN Patrizia 108.515 17.822 90.693 90.693
5. RAIMONDI Gianmario 119.093 25.433 93.660 93.660

Total 812.925 113.836 699.089

N.B. The fields will be filled in automatically

6. Bibliography


ALI = Bartoli, M. et al., eds. 1995-. Atlante Linguistico Italiano. Istituto Poligrafo e Zecca dello Stato


Di Dona et al., in prep. Allophonic familiarity differentiates word representations in the brain of native speakers of regional linguistic varieties. Ms. Universities of Trento, Bolzano, Milano-Bicocca and Padova


1. Scientific Curriculum of the Principal Investigator

Curriculum vitae Stefan Rabanus

Born 1968 in Fulda, Germany

Present assignment and academic roles

- Full Professor of German Linguistics (Professore ordinario, SSD L-LIN/14) at the University of Verona, Italy (2018–present)
- Director of the international PhD programme in Modern Literatures, Languages and Linguistics (Letterature Straniere, Lingue e Linguistica) of the University of Verona (2017–present)
- Secretary of the International Association of Dialectology of German (IGDD; 2012–present)
- Cooptated Professor at the Research Institute Deutscher Sprachatlas of the University of Marburg (2007–present)
- Representative of the Department of Foreign Languages and Literatures in Verona’s University Initiative for Development Cooperation (2017–present)

Education and degrees

- 2013: Italian Abilitazione scientifica nazionale alle funzioni di professore di prima fascia nel settore concorsuale 10/M1
- 2008: German Habilitation degree in Germanic Linguistics awarded by the University of Mar­burg; thesis: “Morphologisches Minimum” (published 2008)
- 2000: PhD degree in Linguistics awarded by the University of Greifswald, summa cum laude, with a dissertation on intonational procedures in German and Italian (pub­lished 2001)
- 1996: Staatsexamen degree in German and Italian Studies and diploma in Teaching of German as a Foreign Language (DaF) from the University of Mainz

Past positions and grants
- 2012–2014: Professor of German Linguistics at Yerevan State Linguistic University, Armenia (with DAAD grant)
- 2005–2012, 2014–2018: Lecturer, then Associate Professor of German Linguistics at the Uni­versity of Verona
- 2000–2005: Lecturer and Office Manager at Deutscher Sprachatlas, University of Marburg
- 2002: Lecturer of German Linguistics at the University of L’Aquila
- 1998: Research Fellow at the Institute of Phonetics and Dialectology of the CNR Padua (with DAAD grant)

Current research interests
- Morphosyntax (syncretism, agreement [verb, pronoun]; possessives; DP)
- Dialectology and German Language History
- Language Contact German-Romance (-Slavic)
- Language Mapping

Journal editing
- Editorial Board member of “Zeitschrift für Dialektologie und Linguistik” (ISSN 0044-1449) (2007–present)

Reviewing
- for research projects and careers: Italian Ministry of Education, Universities and Research (MIUR: VQR, PRIN), French National Research Agency (Agence national de la recherche, ANR), German Academic Exchange Service (Deutscher Akademischer Austauschdienst, DAAD), Province of Bolzano/South Tyrol, Freiburg Institute for Advanced Studies (FRIAS), various universities

Supervision of PhD theses
- Greta Viale, ‘Auxiliary selection in Romance’ (expected 2024, University of Verona)
- Anne Kruijt, ‘Morphological variation in the Germanic-Romance language-contact area’ (expected 2022, University of Verona)
- Anahit Beglaryan, “Kongruenz in syntaktischen Einheiten im Deutschen und Armenischen” (expected 2020, Yerevan State Linguistic University, then University of Mannheim)
- Tekabe Legesse Feleke, “Linguistic Distance and Mutual Intelligibility among South Ethio­semitic Languages” (completed 2020, University of Verona)

Externally funded research projects
- “VinKo – Varieties in Contact”, University of Verona [Coordinator] (https://www.vinko.it/, project financed with Dipartimento di Eccellenza funds; 2018–oggi)
- “Advancing the European Multilingual Experience (ATHEME)” (https://www.ateme.eu/; project funded by EU under the 7th Framework Programme; 2014–present)
- “Regionalsprache.de (REDE)”, Deutscher Sprachatlas, University of Marburg (http://www.regionalsprache.de; long-term project, approx. 20 years, funded by the Union of the German Acadamies of Sciences; 2008–present)
- “Il Cimbro come laboratorio di analisi per la variazione linguistica in sincronia e diaconia”, University of Verona (funded by Cariverona Foundation; 2009–2012 [completed])
- “Digitaler Wenker-Atlas (DIWA)” Deutscher Sprachatlas, Uni-versity of Marburg (http://www. diwa.info; funded by German Research Foundation [DFG]; 2001–2005 [completed])

Projects on the Bologna process
- Pilot project of the German Bund-Länder Commission for Educational Planning at the Univer­sity of Greifswald, aiming at the modularization of degree programmes and the implementation of the Bologna process (1998–2000 [completed])

Teaching
- BA and MA level: Phonetics/Phonology, Morphology, Syntax, Semantics/Lexicology, Dialecto­logy of German, History of the German Language, History of Linguistics, Theories and Methods in Linguistics, Pragmatics, Conversation Analysis, Communication in Commerce and Tourism, Intercultural Communication, Computer-mediated Communication, Teaching German as a Foreign Language, Translation Studies
ALBER Birgit

Birgit Alber graduated summa cum laude in Foreign Languages and Literature at the University of Venice, Italy. In 1997 she obtained a Ph.D. in linguistics from the University of Padova. From 1997 to 2001 she worked as a scientific assistant ('Wissenschaftliche Assistentin', C1) at the Institute of German Linguistics at the University of Marburg (Germany). In 2001 she won the public selection for a job as an associate professor (professore associato) at the University of Trento, (Faculty of Humanities). In 2004 she transferred to the University of Verona, where she taught at the department of Foreign Languages and Literature until 2019, coordinating the Ph.D. program in Linguistics from 2014 to 2018. In 2013 she has obtained a positive evaluation in the Italian 'Abilitazione' for full professor (ordinario) in German Linguistics (L-LIN/14). Since 2019 she has been teaching German Linguistics (L-LIN/14) at the Free University of Bozen-Bolzano, at the level of full professor. She has been a visiting scholar at various departments outside of Italy, most significantly at Rutgers University, N.J., U.S.A. (1994-1996, with a Fulbright fellowship, 2008-09, with a Cooperint fellowship provided by the University of Verona). In the summer semester of 2018 she held a guest professorship ('Harald Weinrich Gastlehrstuhl') at the University of Bielefeld (Germany). She is the advisor of four PhD students in the graduate program of Foreign Literatures, Languages and Linguistics at the University of Verona, three of which under a cotutelle agreement with UiT-The Arctic University of Tromsø, Norway.

Birgit Alber has published numerous articles (in English, German and Italian), mainly in the fields of dialectology, phonology, metrical theory and prosodic morphology, in international books and journals subject to peer-reviewing. She has published two textbooks on the morphology and phonology of German and a book with focus on the contrastive structural analysis of German and Italian. She has presented her work as a keynote speaker at various international conferences, such as 'Going Romance' (2020, Paris), 'International Workshop on Phonological Variation and its Interfaces' (2018, Barcelona) and 'The Manchester Phonology Meeting' (2017, Manchester). She has been an anonymous referee for numerous international journals such as Frontiers in Psychology, Zeitschrift für Sprachwissenschaft, Phonology, Morphology, Lingu, Natural Language and Linguistic Theory, Journal of Comparative Germanic Linguistics and Linguistic Inquiry, as well as the editors Equinox, Lang, Benjamins and Oxford Bibliographies in Linguistics. She is a member of the editorial board of the book series 'Open Germanic Linguistics' (Language Science Press) and co-editor with Vieri Samek-Lodovici of the book series 'Advances in Optimality Theory' (Equinox). She has participated as a referee in the PRIN and FIRB selections.

Currently she is the p.i. of the research project 'Minimal Variation in Grammar' (a start-up project funded by the Free University of Bolzano, 2020-22). She has been the p.i. of other funded research projects, among which 'Minimality in Linguistic Variation' (progetto ricerca di base, UniVR, 2017-19), 'The internal structure of constraint systems' (Cooperint, UniVR, 2010-11), and a member of funded research projects, among which 'Advancing the European Multilingual Experience' (European Comission, 7th Framework Programme, grant agreement no. 613465, Work-package 'Regional Languages', 2014-2019) and 'Cimbrian as a test case for synchronic and diachronic language variation' (Carverona foundation, 2009-2012). From 2010-11 she coordinated the postdoc research project 'Typology of language games: prosodic structure, markedness and parallels to child language', funded by the University of Verona, [fellowship to Barbara Vogt].


2. GAETA Livio
Livio Gaeta – Curriculum vitae

Current position: Full Professor (professore ordinario) for German Language and Linguistics in the Department of Humanistic Studies of the University of Turin

Earlier positions held:
- Associate Professor for German Language and Linguistics (University of Turin 2013-16; University of Naples “Federico II” 2005-12
- Assistant Professor for German Language and Linguistics in (University of Turin 1999-2004, University of Rome Three 2004-05)
- Research fellow at the Zentrum für Allgemeine Sprachwissenschaft in Berlin (1998-99)

Studies
- Ph.D. in Linguistics (University of Rome Three, 1998)
- Diploma di licenza (School diploma) (Scuola Normale Superiore of Pisa, 1992)
- Laurea in Lettere Moderne (Arts degree) (University of Pisa, 1992)

Language skills:
• Italian (mother tongue)
• German (fluent)
• English (fluent)
• French (proficient)

Awards and recognition:
• Research evaluation: VQR 2011-2014: 1-0.7 (Excellent-Elevated); VQR 2004-2010: 1-1-1 (Excellent)
• Habilitation à diriger des recherches (H.D.R.) – Section 7: Sciences du langage – campagne 2015
• Full Professorship Qualification (ASN 2012) in the disciplines 10/G1 (General and historical linguistics) and 10/M1 (Germanic languages, literatures and cultures)
• Humboldt fellowship for experienced scholars awarded by the Alexander-von-Humboldt-Stiftung (2009)

Research projects and grants as Principal Investigator:
• 2015-17: Call 02 Addressing Horizon 2020 – Year 2014 – (Compagnia di San Paolo/University of Turin) “A digital archive to safeguard the Walser cultural and linguistic heritage”. Principal Investigator; budget: € 73,770
• 2011-13: PRIN 2009 (nat. coord. P. D’Achille); PI of the Research Unit on: “Towards a history of Italian word formation: deverbal nouns and verb-forming operations”; budget of the RU: € 34,623
• 2009-10: “Origin and development of West-Germanic substitutive infinitive”. PI of the project funded by the Humboldt-Foundation; budget: € 2,450 per 12 months)
• 2005-07: PRIN 2005 (nat. coord. S. Scalise); PI of the Research Unit on “Theoretical aspects and quantitative investigations of compounds in some languages of Europe”; budget of the RU: € 16,017

Participation in research networks:
• 2016-18: Projekt Monika – Cross-linguistic research into derivational networks: international project guided by Šafarik University, Košice (Slovakia), the University of Sofia (Bulgaria), and the University of Granada (Spain)

Patents
• “Computer-implemented procedure for the elaboration of textual data, system and corresponding information-technological product”, registered application for patent n. 102019000021837, 21.11.2019

Organizational activity
• Workshop “A specter is haunting Europe: The Alps as a linguistic area?” (with Guido Seiler, University of Zürich), 51st Annual Meeting of the Societas Linguistica Europaea, Tallinn, 29.8.-1.9.2018
• Workshop “Le isole linguistiche tedescofone in Italia: situazione attuale e prospettive future”, Università di Torino, 24.2.2017
• 49th International Annual Meeting of the Societas Linguistica Europaea (organizing committee), Napoli “Federico II” 31.8.-3.9.2016
• 22nd International Conference on Historical Linguistics (organizing committee), Napoli 27.-31.7.2015
• Workshop “Variation and Change in Argument Realization” (organizing committee), Napoli / Capri 27.-30.5.2010
• Workshop “Das Deutsche als kompositionsfreudige Sprache: Strukturelle Eigenschaften und systembezogene Aspekte”, (with Barbara Schlücker, Freie Universität Berlin), 4. Tagung “Deutsche Sprachwissenschaft in Italien” (3.-6.2.2010), Università “La Sapienza” di Roma, 5.2.2010
• Workshop Issues in Comparative Germanic Morphosyntax, Università di Napoli “Federico II”, 15.-16.5.2007 (with Michela Cennamo, Università di Napoli “Federico II”)

Membership:
• Societas Linguistica Europaea (Publishing Committee 2004-06, Executive Committee 2012-15)
• Associazione Italiana di Germanistica
• Deutsche Gesellschaft für Sprachwissenschaft

Other professional activities

Review activities
• Austrian Academy of Sciences (ÖAW), 2019
• Czech Science Foundation (GAR), 2012, 2015, 2020
• Member of the European Science Foundation (ESF) College of Expert Reviewers (2016-current)

Membership of editorial committees
• Editorial Board of Jahrbuch für Germanistische Linguistik (2019-current)
• Editorial Board of Evolutionary Linguistic Theory (2018-current)
• Advisory Board of the series Studies in European Linguistics, Sapienza Università Editrice (2016-current)
• Editorial Board of the series Konvergenz und Divergenz. Sprachvergleichende Studien zum Deutschen, Mouton de Gruyter (2014-current)
• Scientific committee of Zeitschrift für Wortbildung / Journal of Word-formation (2016-current)
• Editorial committee of Acta Linguistica Hungarica (2009-15)
• Scientific committee of Rivista di Linguistica / Italian Journal of Linguistics (2008-13)

Membership of scientific committees
• SLE 54 (Athens 2021)
• Jenom 9 (Online Event 2021)
• ParadigMo-2 (Bordeaux 2021)
• SLE 53 (Bucharest 2020)
• IMM 19 (Vienna 2020)
• Jenom 8 (Stuttgart 2019)
• SLE 52 (Leipzig 2019)
• SLE 51 (Tallinn 2018)
• SLE 50 (Zürich 2017)
• ParadigMo (Toulouse 2017)
• ICLC 8 (Athens 2017)
• SLE 49 (Napoli “Federico II” 2016)
• IMM 17 (Vienna 2016)
• Décembrebrettes 9 (Toulouse 2015)
• ICHL 22 (Napoli “Federico II”)
Conferences and lectures (since 2017)

Invited talks:

• “Verschiedene Wege zur Intensivierung: von den Augmentativen bis hin zur Tautologie”, Workshop “Konstruktionen der Intensivierung: Formen und Funktionen” (Milano 2019)
• “Kontrastive Linguistik als Mikrotypologie: Die Rolle des Deutschen als L3” (plenary talk), Internationale Tagung “Kontrastive Linguistik” (Milano 2018)
• Übersetzungs wissenschaft, Kontrastive Linguistik, Konstruktionsgrammatik: ein Plädoyer für ein glückliches Zusammenleben”, Deutsch übersetzen und dolmetschen: ein internationales Symposium, (Genova 2018)
• “The observer’s paradox meets corpus linguistics: written and oral sources for the Walser linguistic islands in Italy”, Workshop “Language contact in fieldwork” (Lecce 2018)
• “Die Schrecken des deutschen Nomens: Flexionsklassen, Nominalphrasen und Pronomina zwischen Norm und Variation”, Internationale Fachtagung: Angewandte Linguistik und Deutsch-Didaktik (Genova 2017)
• “ArchWals: Un archivio digitale per preservare l'eredità culturale e linguistica delle comunità Walser in Italia”, Jahrestagung des italienischen Germanistenverbandes (Roma 2017)

Talks at refereed congresses:

• “Deconstructing complexity: Morphological change and language contact in Walser German”, IMM 19 (Vienna 2020)
• “Grammaticalization and Paradigmatic Saturation: a Sisyphean Task”, SLE 52 (Leipzig 2019)
• “Iconicity principles from an evolutionary perspective”, Workshop on “Trends in the development and evolution of inflection”, ICHL 24 (Canberra 2019)
• “Contact phenomena in the verbal complex: the Walser connection in the Alpine area” (with Marco Angster, University of Zadar), Workshop on “A specter is haunting Europe: The Alps as a linguistic area?”, SLE 51 (Tallinn 2018)
• “Relative clauses in a German minority language: woa ‘where’ and dass ‘that’ in Greschoneytitsch (Northwestern Italy)” (with Marco Angster, University of Zadar), 6th Croatian Syntactic Days (Osijek 2018)
• “Loan word-formation in minority languages: lexical strata in Titsch and Töitschu” (with Marco Angster, University of Zadar), Workshop on the “Interaction of borrowing and word-formation”, SLE 50 (Zürich 2017)
• “Remotivating inflectional classes: an unexpected effect of grammaticalization”, ICHL 23 (San Antonio 2017)
• “Paradigmatic Word-Formation in a Decaying Language: The Case of -etò in Walser German” (with Marco Angster, University of Zadar), ParadigMo 2017 (Toulouse 2017)
1981: Idoneità a ricercatore per il raggruppamento disciplinare L09A (Glottologia e Linguistica).
2013 (December): Abilitazione scientifica nazionale a professore per la prima fascia - settore disciplinare L-LIN/01 Glottologia e linguistica.

Scientific interests


Teaching

1978-1984: collaboration to the courses of Linguistica Italiana at the Scuola Normale Superiore in Pisa.
1985-1991: collaboration to the courses of Storia della Lingua Italiana at the Facoltà di Lettere e Filosofia - University of Trento.
1985-2000: collaboration to the courses of Glottologia at the Facoltà di Lettere e Filosofia - University of Trento.
1995-96: professor of Linguistica applicata at the Facoltà di Lettere e Filosofia - University of Trento.
1998-99: professor of Linguistica italiana (30 hours) at the Institut für Romanistik - University of Innsbruck.
2001 - present: professor of Linguistica generale at the Dipartimento di Lettere e Filosofia - University of Trento.
2010-11: professor of Linguistica italiana (30 hours) at the Institut für Romanistik - University of Innsbruck.
2012: member of the Ph-doctoral course Studi Umanistici - University of Trento.
2013-14: partner in Germanic and Romance Minority Languages in Contact, Erasmus Intensive Programme for a Summer School organized by the University of Konstanz with the partner Universities of Bolzano/Bozen, Trento, Verona (Bolzano/Bozen, 29/08/2014 - 11/09/2014).
2014: member of the Ph-doctoral course Le forme del testo - University of Trento.
2015 (June; September): scientific Responsible, and professor, of the training course for medical operators on Children bilingualism and learning disorders - University of Trento (20 hours).

Institutional roles at the University of Trento

1995-present: Department Responsible for the Erasmus exchanges with the University of Innsbruck and the University of Leipzig; since 2016 Department Responsible for the Erasmus exchanges with the University of Graz and the University of Kaunas.
2006-2008: vice-Director of the Department of Studi letterari, linguistici e filologici.
2008-present: Dean's Delegate for the activities in the area of linguistic minorities.
2010-2012: member of the Direction Committee of the Dipartimento di Studi letterari, linguistici e filologici.
2014 - 2017: Coordinator of the Ph-D course "Le forme del testo".
2017- 2018: Director of a master course for training teachers of Mòcheno and Cimbrian (IALM-Insegnare e apprendere lingue di minoranza).
2017-present: Department's Delegate for teaching activities.

Other institutional roles

1992-2019: Vice-President of the Commissione provinciale per la toponomastica -Provincia autonoma di Trento.
2012-present: Director of Bilinguismo conta (a branch of Bilingualism matters, founded by the University of Edinburgh).
2017-2019: member of the direction committee of the training course for teachers of Ladin - ANTROPOLAD- organized by the University of Bolzano/Bozen.

Funded research projects

1994-1996: Responsible of the research project on Verbi e struttura argomentale in italiano (funded by CNR).
1997-1999: cooperation to Thematic Network Project in the Area of Languages (group n. 9 - Dictionaries) - funded by European Languages Council.
1999-2001: Responsible of the research project Archivio dei lessici dialetti trentini funded by the Provincia Autonoma di Trento.
1999-2000: Responsible of the local unit for the research project Strutture sintattiche e funzioni discorsive in varietà di apprendimento (PRIN).
2001: cooperation to the research project Lessico, testo e relativi processi di acquisizione in interlingue (funded by PRIN).
2003: Responsible of the research project on Archivio lessicale dei dialetti trentini, funded by MIUR.
2007: Responsible of the research project Le voci della tradizione. Per lo sviluppo dell'Archivio lessicale dei dialetti trentini, funded by the Provincia Autonoma di Trento and by the University of Trento.
2009-2011: cooperation to the research project Cimbrolang-Il rapporto tra lessico e morfosintassi nei processi di disgregazione della lingua con particolare riferimento ai semiparlanti del cimbro nel Trentino e nel Veneto - funded by the Provincia di Trento and the University of Trento.
2009-11: cooperation to the research project Ambiente e paesaggi dei siti d'altura trentini - APSAT (funded by the Provincia di Trento and the University of Trento).
2014-2019: cooperation of the WP Regional Languages, part of the European research project Advancing the European Multilingual Experience (ATHÉME), grant agreement 613465.
2014-2016: partner of the international research project Verba alpina, funded by DFG-Deutsche Forschungsgemeinschaft.
2016-19: partner of the research project Germanico - Romanzo: discorsi e strutture in contatto nell’area dolomitica; funded by the Provincia autonoma di Bolzano.
2016-2019: cooperation to the research project Tools for research and education in linguistics (TREIL), funded by PRIN.
2017-18: Responsible of the research project Gli usi linguistici dei bambini bilingui nelle scuole trettine, funded by IPRASE, FSE LE NUOVE FRONTIERE DEL DIRITTO ALL’ISTRUZIONE.
2018-2020: Responsible of the strategic project Tandem learning, funded by the University of Trento.
2020: Responsible of the research on state of the minority languages of the province of Trento: Ladin, Cimbrian and Mocheno funded by Provincia autonoma di Trento - Atti di indirizzo.

Scientific responsibility for Ph-D researches and grants

2011: two six months grants La didattica del ladino nelle scuole fassane, funded by Accordo di Programma Università-Provincia autonoma di Trento.
2012-14: Ph-D research project Lo spazio dinamico di variazione del lessico delle minoranze linguistiche: ladino e aranese a confronto.
2015-2018: Ph-D research project Analizzare testi con la grammatica delle valenze.
2016-present: Ph-D research project La particella pa nel ladino fassano - joint doctoral programme between the Tokio University of Foreign studies and the University of Trento.
2016-present: Ph-D research project Ricontestualizzazione linguistica della “popular culture” in ambito globale e locale. HipHop Linguistics e “resistance vernacular” nel rap italiano, joint doctoral programme between the University of Dresden and the University of Trento.
2017: post-doc grant Gli effetti del bilinguismo tra una lingua standard e una lingua di minoranza sullo sviluppo di competenze pragmatiche - funded by Atti di indirizzo - Università di Trento-Provincia autonoma di Trento.

4. RAIMONDI Gianmario
1. SYNTHETIC ACADEMIC BIOGRAPHY

Researcher and university professor since 2002 in the SSD “L-FIL-LET / 12 Italian Linguistics”, he is currently Full Professor at the University of Valle d’Aosta, where he teaches in the CD of “Languages and communication” (L12) and “Languages and cultures” (LM37) and where he currently holds the role of Rectoral Delegate for Research and Third Mission.

Graduated in 1981 in Literary Matters at the University of Turin, in 1997 he obtained the title of PhD in Romance and Italian Philology at the University of Rome "La Sapienza". As a Research Fellow he collaborated, between 1991 and 2002, with the Department of Modern Languages and Literatures of the University of Turin, namely within the editing project of the ALEPO-Linguistic and Ethnographic Atlas of Western Piedmont.

Within the general research fields of his sector, he mainly dealt with Italian and Romance dialectology and geo-linguistics (in particular for the Franco-Provençal and north-western Italian area), lexicology and onomastics, diachronic linguistics, sociolinguistics. Since 2010 he has been co-director (together with Saverio Favre) of the APV-Atlas des Patois Valdôtains, of which he designed and pursued the publication of the first volume (“APV / 1: Le lait et les activités laitières”, 2020). As Head of Local Unit (Aosta), he is also currently participating in the “CLiMAlp-Corpus linguistics meets Alpine cultural heritage” project (PRIN 2017, University of Turin / University of Aosta Valley).

Since 2007 he has been a member of the Academic Board of the Research Doctorate in "Humanities" of the University of Turin (specialization in "Dialectology, geolinguistics and sociolinguistics") and director in charge of the scientific journal “ESP-Educacion et Societés Plurilingues / Educazione e Società Plurilingui” as well as member of the Scientific Committee of the journal "Les Cahiers de l’EPVE" (Études sur le Plurilinguisme Européen).

2. RESEARCH
2.1. Financed research projects

2019
PI and Head of Local Research Unit (Aosta) for the two-year project PRIN-2017 “CLiMAlp: Corpus linguistics meets Alpine cultural heritage: documenting and safeguarding linguistic minorities in the Alps”. Lead PI: Livio Gaeta, University of Turin; MIUR code: 017HHH92Z; Total MIUR contribution: € 397,000; URL Aosta contribution: € 99,000; duration 36 months.
2013
Scientific coordinator of the three-year project “Antroponimia plurilingue: storia della lingua e storia delle identità attraverso i dati dell’ASAVDA-Archivio Storico dell’Antroponima Valdostana", admitted to funding following the selection for the “PRIA-Projects of significant interest to the University of the Aosta Valley” procedure. Duration: 24 months; participants Tullio Telmon, Sabina
Canobbio, Alessandro Vitale Brovarone, University of Turin; Rita Caprini, University of Genoa. Amount financed: € 37,000.

2010
Participant in the Local Research Unit (Aosta) in the two-year PRIN 2008 project “Writing abroad: la corrispondenza estera di Elisabetta I”. Coordinator: C.M. Bajetta, University of the Aosta Valley; MIUR Code: 2008WRNEAN_001; duration 24 months.

2008
Scientific director of the annual project “ASAVDA-Archivio Storico Antroponimico della Valle d’Aosta” funded by the CRT Foundation “Progetto Alfieri 2007”. Duration 12 months (corresponding to an annual research grant).

2002
Head of the Local Research Unit (Aosta) for the two-year project CNR Agenzia 2000 “Antroponimia italiana fra medioevo ed età moderna” (Coord. M. G. Arcamone, University of Pisa; CNR code CNR0008A9; duration: 18 months).

2.2. Participation in research groups

2016-current
Member of the Board of Directors of the scientific association “CIEBP-Centre d’Information pour l’Éducation Bilingue et Plurilingue”, founded in 1972 by André Martinet, chaired by the same, then by Andrée Tabouret-Keller and Tullio Telmon.

2016-current
Participant in the “Verba Alpina” project (responsible: Thomas Krefeld, Ludwig-Maximilians-Universität München), an international project for the documentation of Alpine speech funded by the Bavarian government.

2006-current
Co-director and co-responsible, together with Saverio Favre, and editor-in-chief of the “APV-Atlas des Patois Valdôtains”, following a scientific agreement between the Department of Culture of the Autonomous Region of the Aosta Valley and the University of the Aosta Valley.

2000-2002
Research fellow at the Department of Language Sciences of the University of Turin, working on the project “ALEPO-Atlante Linguistico ed Etnografico del Piemonte Occidentale” (resp. Tullio Telmon / Sabina Canobbio), with tasks of scientific and editorial coordination for the Atlas publication.

1991-2000
Collaborator in the scientific activity under contract for “ALEPO-Atlante Linguistico ed Etnografico del Piemonte Occidentale” (University of Turin, resp. Tullio Telmon / Sabina Canobbio).

1994-1997
Collaborator in scientific activity under contract for “APV-Atlas des Patois Valdôtains” (Department of Culture of the Autonomous Region of Valle d'Aosta, resp. Saverio Favre).

2.4. Scientific publications: direction and collaborations

2019-current
Editor-in-Chief of the journal “ESP-Éducation et Sociétés Plurilingues / Educazione e Società Plurilingui” (ISSN: 1127-266X; online www.revues.org).

2017-current
Member of the Scientific Committee of the journal “Les Cahiers du GEPE” (Université de Strasbourg/Groupe d’Étude sur le Plurilinguisme Européen; ISSN: 2105-0368; www.cahiersdugetpe.fr/index.php?id=3002).

2014-current
Collaborator of the scientific journals “Le Moyen Français”, “Bollettino dell’Atante Linguistico Italiano” RIOn-Rivista Italiana di Onomastica”.

2017
Member of the Scientific Committee (together with Paola Cifarelli and Giovanni Matteo Roccati, University of Turin; Richard Trachsler, Université de Zurich; Baudouin Van den Abeele, FNRS / Université Catholique de Louvain) for the publication of the volume “Fay ce que voudras. Mélanges en l’honneur d’Alessandro Vitale-Brovarone”, Paris, Classiques Garnier, 2018.

2006-2014
Director of the book series “QuaDISS-Quaderni Didattici per l’Insegnamento nella Scuola Secondaria”, intended to collect manuals and studies designed for the initial and ongoing training of secondary school teachers.

2.5. Participation in Ph.D Schools

2014-current
Board member of the Doctoral School in “Humanities”, curriculum in “Dialectology, geolinguistics and sociolinguistics” of the University of Turin (MIUR Code: DOT1313XNE; current coordinator, Paola Cifarelli), as well as tutor for the specific sector of Geolinguistics.

2007-2012
Board Member of the PhD School in “Language and Communication Sciences”, curriculum in “Dialectology, Geolinguistics and Sociolinguistics” (University of Turin; associated universities: Palermo, Aosta, Lecce [until 2010], Grenoble, Neuchâtel, München; Coord. Tullio Telmon).
2.6. Affiliation to scientific societies

Member of the following scientific societies: 1) ASLI-Associazione per la Storia della Lingua Italiana; 2) AITLA-Associazione Italiana di Linguistica Applicata; 3) CIEBP-Centre International pour l'Education Bilingue et Plurilingue; 4) ICOS-International Council of Onomastic Sciences; 5) SIFR-Società Italiana di Filologia Romanza; 6) SLI-Società di Linguistica Italiana; 7) SLIR-Société de Linguistique Romane.

3. MANAGEMENT AND ORGANIZATIONAL ACTIVITIES (2007-CURRENT)

2019-current
Rectoral Delegate for Research and Third Mission.
2017-current
Member of the University Commission for the recognition of "24 CFU / CFA acquired in anthropo-psycho-pedagogical disciplines and teaching methodologies and technologies" valid for teaching purposes in the Secondary School, and for the coordination of related training activities.
2019-2020
Responsibility for the University of the ErasmusPlus international project “ECBS - European Cross-Border Skills” (Key Action 2 "Strategic Partnership for higher education"). Lead partner: UPPA-Université de Pau et des Pays de l'Adour (France). Other partners: Universität des Saarlandes (Germany), Université de la Grande Région (France, Germany, Luxembourg, Belgium), EUCOR - Le Campus Européen (Groupement Européenne de Coopération Territoriale, GECT), USMB-Université de Savoie-Mont-Blanc (France), Universidad de Zaragoza (Spain), Universidad del Pais Vasco (Spain).
2015-2018
Coordinator of the Degree Course in “Lingue e Comunicazione per l'Impresa e il Turismo” (until 7.05.2019) and President of the SUA Commission.
2014
Representative of the Degree Course in “Lingue e Comunicazione per l’Impresa e il Turismo” within the Orientation Commission (until 7.05.2019).
2010-2017
2014
Didactic planning and coordination of TFA-“Tirocinio Formativo Attivo” for secondary school teachers, Linguistic-Literary area.
2012-2013
Vice- Director of the Department of Human and Social Sciences (until 31.12.2013).
2011
Pro-tempore Dean of the Faculty of “Lingue e Comunicazione per l’Impresa e il Turismo” (8.10.2011-7.03.2012).
2008-2010
Design, coordination and management, as a member for the Italian part, within the Steering Committee of the three-year EU-funded project INTERREG-ALCOTRA entitled “FORPROFI-Formation Professionisante Franco-Italienne”, conducted in partnership by the Faculty of “Lingue e Comunicazione per l’Impresa e il Turismo”-University of Valle d’Aosta / UFR “Langues, Lettres et Sciences Humaines”-Université de Chambéry (€ 396,000).
2006-2009
As a representative member of the University, President of the IRRE-“Istituto Regionale di Ricerca Educativa” della regione Valle d’Aosta.
2007
As a representative member of the University, member of the working group in charge of drafting the regional “Profil des Politiques Linguistiques-Éducatives” submitted to the Council of Europe.

3. Main Principal Investigator's scientific publications (Max. 20)


4. Main scientific publications of the associated investigators (Max. 20, for each research unit)

1. **ALBER Birgit**


5. Main staff involved (max 10 professors/researchers for each research unit, in addition to the PI or associated investigator), highlighting the time commitment expected

List of the Research Units

Unit 1 - RABANUS Stefan

Personnel of the research unit

<table>
<thead>
<tr>
<th>n°</th>
<th>Surname Name</th>
<th>Qualification</th>
<th>University/ Research Institution</th>
<th>e-mail address</th>
<th>Months/person expected</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>RABANUS Stefan</td>
<td>Professore Ordinario (L. 240/10)</td>
<td>Università degli Studi di VERONA</td>
<td><a href="mailto:stefan.rabanus@univr.it">stefan.rabanus@univr.it</a> (adesione completata il 28/12/2020)</td>
<td>6.0</td>
</tr>
<tr>
<td>2</td>
<td>TOMASELLI Alessandra</td>
<td>Professore Ordinario</td>
<td>Università degli Studi di VERONA</td>
<td><a href="mailto:alessandra.tomaselli@univr.it">alessandra.tomaselli@univr.it</a> (adesione completata il 28/12/2020)</td>
<td>2.0</td>
</tr>
<tr>
<td>3</td>
<td>PADOVAN Andrea</td>
<td>Ricercatore a t.d. - t pieno (art. 24 c.3-b L. 240/10) (data fine contratto: 30/09/2023)</td>
<td>Università degli Studi di VERONA</td>
<td><a href="mailto:andrea.padovan@univr.it">andrea.padovan@univr.it</a> (adesione completata il 28/12/2020)</td>
<td>3.0</td>
</tr>
<tr>
<td>4</td>
<td>VOGT Barbara Maria</td>
<td>Professore Associato (L. 240/10)</td>
<td>Università degli Studi dell’AQUILA</td>
<td><a href="mailto:barbaramaria.vogt@univaq.it">barbaramaria.vogt@univaq.it</a> (adesione completata il 29/12/2020)</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Total cost of the research unit, per single item

**item A.1**

| Cost | 19.584 € |

MUR - BANDO 2020
item A.2.1: enhancement of months/person of permanent employees
item A.2.1: cost of contracts of non-employees, specifically to recruit
item B: overhead (flat rate equal to 60% of the total personnel cost, A.1 + A.2.1, for each research unit)
item C: cost of equipment, tools and software products
item D: cost of consulting and similar services
item E: other operating costs

N.B. The Item B and TOTAL columns will be filled in automatically

Major new contracts for staff specifically to recruit

<table>
<thead>
<tr>
<th>Number of expected RTD contracts</th>
<th>Number of research grants expected</th>
<th>Number of PhD scholarships expected</th>
<th>Overall expected time commitment (months)</th>
</tr>
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<tbody>
<tr>
<td>1</td>
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<td>0</td>
<td>36</td>
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</table>

Unit 2 - ALBER Birgit

Personnel of the research unit

<table>
<thead>
<tr>
<th>nº</th>
<th>Surname Name</th>
<th>Qualification</th>
<th>University/ Research Institution</th>
<th>e-mail address</th>
<th>Months/person expected</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>ALBER Birgit</td>
<td>Professore Ordinario (L. 240/10)</td>
<td>Libera Università di BOLZANO</td>
<td><a href="mailto:birgit.alber@unibz.it">birgit.alber@unibz.it</a> (adesione completata il 05/01/2021)</td>
<td>4.0</td>
</tr>
<tr>
<td>2</td>
<td>DAL NEGRO Silvia</td>
<td>Professore Ordinario (L. 240/10)</td>
<td>Libera Università di BOLZANO</td>
<td><a href="mailto:SDalNegro@unibz.it">SDalNegro@unibz.it</a> (adesione completata il 11/01/2021)</td>
<td>3.0</td>
</tr>
<tr>
<td>3</td>
<td>VIETTI Alessandro</td>
<td>Professore Associato (L. 240/10)</td>
<td>Libera Università di BOLZANO</td>
<td><a href="mailto:Alessandro.Vietti@unibz.it">Alessandro.Vietti@unibz.it</a> (adesione completata il 06/01/2021)</td>
<td>3.0</td>
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</tbody>
</table>
### Total cost of the research unit, per single item

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
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<tbody>
<tr>
<td>item A.1</td>
<td>25,550 €</td>
</tr>
<tr>
<td>item A.2.1</td>
<td>90,000 €</td>
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<tr>
<td>item B</td>
<td>69,330 €</td>
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<tr>
<td>item C</td>
<td>0 €</td>
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<tr>
<td>item D</td>
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<tr>
<td>item E</td>
<td>0 €</td>
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<tr>
<td>Total</td>
<td>184,880 €</td>
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</tbody>
</table>

N.B. The Item B and TOTAL columns will be filled in automatically

- item A.1: enhancement of months/person of permanent employees
- item A.2.1: cost of contracts of non-employees, specifically to recruit
- item B: overhead (flat rate equal to 60% of the total personnel cost, A.1+A.2.1, for each research unit)
- item C: cost of equipment, tools and software products
- item D: cost of consulting and similar services
- item E: other operating costs

### Major new contracts for staff specifically to recruit

<table>
<thead>
<tr>
<th>Number of expected RTD contracts</th>
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</tr>
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<tr>
<td>0</td>
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</table>

MUR - BANDO 2020
## Unit 3 - GAETA Livio

### Personnel of the research unit

<table>
<thead>
<tr>
<th>nº</th>
<th>Surname Name</th>
<th>Qualification</th>
<th>University/ Research Institution</th>
<th>e-mail address</th>
<th>Months/person expected</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>GAETA Livio</td>
<td>Professore Ordinario (L. 240/10)</td>
<td>Università degli Studi di TORINO</td>
<td><a href="mailto:livio.gaeta@unito.it">livio.gaeta@unito.it</a> (adesione completata il 05/01/2021)</td>
<td>4,0</td>
</tr>
<tr>
<td>2.</td>
<td>RIVOIRA Matteo</td>
<td>Professore Associato (L. 240/10)</td>
<td>Università degli Studi di TORINO</td>
<td><a href="mailto:matteo.rivoira@unito.it">matteo.rivoira@unito.it</a> (adesione completata il 11/01/2021)</td>
<td>1,0</td>
</tr>
<tr>
<td>3.</td>
<td>MURELLI Adriano</td>
<td>Ricercatore a t.d. - t pieno (art. 24 c.3-b L. 240/10) (data fine contratto: 30/09/2023)</td>
<td>Università degli Studi di TORINO</td>
<td><a href="mailto:adri_mus@hotmail.com">adri_mus@hotmail.com</a> (adesione completata il 06/01/2021)</td>
<td>2,0</td>
</tr>
<tr>
<td>4.</td>
<td>CIOFFI Raffaele</td>
<td>Ricercatore a t.d. - t pieno (art. 24 c.3-a L. 240/10) (data fine contratto: 31/01/2023)</td>
<td>Università degli Studi di TORINO</td>
<td><a href="mailto:raffaelecioffi08@gmail.com">raffaelecioffi08@gmail.com</a> (adesione completata il 05/01/2021)</td>
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### Total cost of the research unit, per single item

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
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<tbody>
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<td>A.1</td>
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<td>A.2.1</td>
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<td>B</td>
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<tr>
<td>C</td>
<td>0.000 €</td>
</tr>
<tr>
<td>D</td>
<td>0.000 €</td>
</tr>
<tr>
<td>E</td>
<td>0.000 €</td>
</tr>
<tr>
<td>Total</td>
<td>120.715 €</td>
</tr>
</tbody>
</table>

N.B. The Item B and TOTAL columns will be filled in automatically

- item A.1: enhancement of months/person of permanent employees
- item A.2.1: cost of contracts of non-employees, specifically to recruit
- item B: overhead (flat rate equal to 60% of the total personnel cost, A.1+A.2.1, for each research unit)
- item C: cost of equipment, tools and software products
- item D: cost of consulting and similar services
- item E: other operating costs
Major new contracts for staff specifically to recruit

<table>
<thead>
<tr>
<th>Number of expected RTD contracts</th>
<th>Number of research grants expected</th>
<th>Number of PhD scholarships expected</th>
<th>Overall expected time commitment (months)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td></td>
<td>24</td>
</tr>
</tbody>
</table>

Unit 4 - CORDIN Patrizia

Personnel of the research unit

<table>
<thead>
<tr>
<th>n°</th>
<th>Surname Name</th>
<th>Qualification</th>
<th>University/ Research Institution</th>
<th>e-mail address</th>
<th>Months/person expected</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>CORDIN Patrizia</td>
<td>Professore Ordinario (L. 240/10)</td>
<td>Università degli Studi di TRENTO</td>
<td><a href="mailto:patrizia.cordin@lett.unitn.it">patrizia.cordin@lett.unitn.it</a> (adesione completata il 22/12/2020)</td>
<td>4,0</td>
</tr>
<tr>
<td>2.</td>
<td>BIDESE Ermenegildo</td>
<td>Professore Associato (L. 240/10)</td>
<td>Università degli Studi di TRENTO</td>
<td><a href="mailto:e.bidese@lett.unitn.it">e.bidese@lett.unitn.it</a> (adesione completata il 04/01/2021)</td>
<td>2,0</td>
</tr>
</tbody>
</table>

Total cost of the research unit, per single item

<table>
<thead>
<tr>
<th></th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>item A.1</td>
<td>17.822 €</td>
</tr>
<tr>
<td>item A.2.1</td>
<td>50.000 €</td>
</tr>
<tr>
<td>item B</td>
<td>40.693 €</td>
</tr>
<tr>
<td>item C</td>
<td></td>
</tr>
<tr>
<td>item D</td>
<td></td>
</tr>
<tr>
<td>item E</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>108.515 €</td>
</tr>
</tbody>
</table>

N.B. The Item B and TOTAL columns will be filled in automatically

- item A.1: enhancement of months/person of permanent employees
- item A.2.1: cost of contracts of non-employees, specifically to recruit
item B: overhead (flat rate equal to 60% of the total personnel cost, A.1+A.2.1, for each research unit)
item C: cost of equipment, tools and software products
item D: cost of consulting and similar services
item E: other operating costs

Major new contracts for staff specifically to recruit

<table>
<thead>
<tr>
<th>Number of expected RTD contracts</th>
<th>Number of research grants expected</th>
<th>Number of PhD scholarships expected</th>
<th>Overall expected time commitment (months)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>0</td>
<td>24</td>
</tr>
</tbody>
</table>

Unit 5 - RAIMONDI Gianmario

Personnel of the research unit

<table>
<thead>
<tr>
<th>Surname Name</th>
<th>Qualification</th>
<th>University/ Research Institution</th>
<th>e-mail address</th>
<th>Months/person expected</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAIMONDI Gianmario</td>
<td>Professore Ordinario (L. 240/10)</td>
<td>Università della VALLE D'AOSTA</td>
<td><a href="mailto:g.raimondi@univda.it">g.raimondi@univda.it</a> (adesione completata il 03/01/2021)</td>
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</table>

Total cost of the research unit, per single item

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>item A.1</td>
<td>25.433 €</td>
</tr>
<tr>
<td>item A.2.1</td>
<td>49.000 €</td>
</tr>
<tr>
<td>item B</td>
<td>44.660 €</td>
</tr>
<tr>
<td>item C</td>
<td></td>
</tr>
<tr>
<td>item D</td>
<td></td>
</tr>
<tr>
<td>item E</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>119.093 €</td>
</tr>
</tbody>
</table>

N.B. The Item B and TOTAL columns will be filled in automatically
• item A.1: enhancement of months/person of permanent employees
• item A.2.1: cost of contracts of non-employees, specifically to recruit
• item B: overhead (flat rate equal to 60% of the total personnel cost, A.1+A.2.1, for each research unit)
• item C: cost of equipment, tools and software products
• item D: cost of consulting and similar services
• item E: other operating costs

Major new contracts for staff specifically to recruit

<table>
<thead>
<tr>
<th>Number of expected RTD contracts</th>
<th>Number of research grants expected</th>
<th>Number of PhD scholarships expected</th>
<th>Overall expected time commitment (months)</th>
</tr>
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<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>0</td>
<td>24</td>
</tr>
</tbody>
</table>

6. Information on the new contracts for personnel to be specifically recruited

<table>
<thead>
<tr>
<th>nº</th>
<th>Associated or principal investigator</th>
<th>Number of expected RTD contracts</th>
<th>Number of research grants expected</th>
<th>Number of PhD scholarships expected</th>
<th>Overall expected time commitment (months)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>RABANUS Stefan</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>36</td>
</tr>
<tr>
<td>2.</td>
<td>ALBER Birgit</td>
<td>0</td>
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</tr>
<tr>
<td>3.</td>
<td>GAETA Livio</td>
<td>0</td>
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<td>0</td>
<td>24</td>
</tr>
<tr>
<td>4.</td>
<td>CORDIN Patrizia</td>
<td>0</td>
<td>1</td>
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</tr>
<tr>
<td>5.</td>
<td>RAIMONDI Gianmario</td>
<td>0</td>
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<td>0</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>1</td>
<td>4</td>
<td>0</td>
<td>144</td>
</tr>
</tbody>
</table>

"The data contained in the application for funding are processed exclusively for carrying out the institutional functions of MUR. The CINECA, Department of Services for MUR, is in charge of the maintenance of these data. The consultation is also reserved to universities and research institutions (each for its respective competence), MUR - Directorate General for coordination and development of research and its results - Office III, CNGR, CdS, and the reviewers in charge of the peer review. MUR also has the right to the dissemination of the main economic and scientific data related to the funded projects."