

# Armando Falcucci

POSTDOCTORAL RESEARCHER

Department of Geosciences, Eberhard Karls University of Tübingen, Tübingen, Germany

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## Professional Experience

### Harvard University

RESEARCH SCHOLAR

- J-1 Short-Term Scholar at the Peabody Museum of Archaeology and Ethnology and the Department of Anthropology

Cambridge, MA, USA

Spring–Summer 2023

### Eberhard Karls University of Tübingen

POSTDOCTORAL RESEARCHER

- DFG project "Investigating Early Upper Paleolithic Technological Variability and Cultural Dynamics South of the Alps" [↗](#)

Tübingen, Germany

Sept 2020–Present

### Heidelberg Academy of Sciences and Humanities

RESEARCH ASSISTANT

- The Role of Culture in Early Expansions of Humans (ROCEEH) [↗](#)
- Synthesizing archaeological data into the ROCEEH Out of Africa Database (ROAD)

Tübingen, Germany

Jan 2020–Aug 2020

### Eberhard Karls University of Tübingen

POSTDOCTORAL RESEARCHER

- DFG Center for Advanced Studies "Words, Bones, Genes, Tools" [↗](#)
- Exploring geometric morphometrics methods in lithic analysis

Tübingen, Germany

Sept 2019–Dec 2019

### Heidelberg Academy of Sciences and Humanities

RESEARCH ASSISTANT

- The Role of Culture in Early Expansions of Humans (ROCEEH) [↗](#)
- Synthesizing archaeological data into the ROCEEH Out of Africa Database (ROAD)

Tübingen, Germany

April 2019–Aug 2019

### Hebrew University of Jerusalem

VISITING RESEARCH FELLOW

- Recipient of the research grant awarded by Fondazione Atlante (Italy)
- Research on the Early Ahmarian and Levantine Aurignacian from Kebara and Hayonim under the supervision of Prof. Anna Belfer-Cohen

Jerusalem, Israel

April 2015–July 2015

## Education

### Eberhard Karls University of Tübingen

PH.D. IN PALEOLITHIC ARCHAEOLOGY

- Dissertation: A critical assessment of the Aurignacian: Insights from Fumane Cave in northern Italy
- Supervisors: Prof. Nicholas J. Conard, PhD and Prof. Dr. Michael Bolus
- Grade: magna cum Laude

Tübingen, Germany

Dec 2015–Jan 2019

### University of Ferrara

M.A. IN QUATERNARY, PREHISTORY, AND ARCHAEOLOGY

- Dissertation: Morpho-metric variability of Protoaurignacian retouched bladelets. The cases of Grotta di Fumane, Grotte d'Isturitz and Grotte des Cottés
- Supervisors: Prof. Marco Peresani and Prof. Marie Soressi (Leiden University, Netherlands)
- Grade: 110 cum laude

Ferrara, Italy

Nov 2013–July 2015

### University of Toulouse Jean Jaurès

ERASMUS+ EXCHANGE PROGRAMME

- Undertook courses in Paleolithic archaeology and lithic technology
- Carried out research on the lithic assemblages from Isturitz at TRACES (Travaux et Recherches Archéologiques sur les Cultures, les Espaces et les Sociétés, UMR 5608)
- Program supervisors: Prof. François Bon and Dr. Nicholas Teyssandier

Toulouse, France

Sept 2014–Feb 2015

### University of Rome Tor Vergata

B.A. IN CULTURAL HERITAGE SCIENCES

- Dissertation: The last Neanderthal: transition and extinction between Middle and Upper Paleolithic in the Iberian Peninsula
- Supervisor: Prof. Mario Federico Rolfo
- Grade: 110 cum laude

Rome, Italy

Oct 2010–Oct 2013

- Undertook courses in archaeology and history
- Conducted bibliographic research on the Middle-to-Upper Paleolithic transition in the Iberian Peninsula
- Program supervisor: Prof. Juan Antonio Cámara Serrano

## Peer-Reviewed Publications

### 2022

**Falcucci, A.**, Karakostis, F.A., Göldner, D., Peresani, M. (2022) Bringing shape into focus: Assessing differences between blades and bladelets and their technological significance in 3D form. **Journal of Archaeological Science: Reports**, 43: 103490. <https://doi.org/10.1016/j.jasrep.2022.103490>

**Falcucci, A.**, Peresani, M. (2022) The contribution of integrated 3D model analysis to Protoaurignacian stone tool design. **PLoS One**, 17(5):e0268539. <https://doi.org/10.1371/journal.pone.0268539>

Göldner, D., Karakostis, F.A., **Falcucci, A.** (2022) Practical and technical aspects for the 3D scanning of lithic artefacts using micro-computed tomography techniques and laser light scanners for subsequent geometric morphometric analysis. Introducing the StyroStone protocol. **PLoS One**, 17(4):e0267163. <https://doi.org/10.1371/journal.pone.0267163>

### 2021

Aleo, A., Duches, R., **Falcucci, A.**, Rots, V., Peresani, M. (2021) Scraping hide in the early Upper Paleolithic: Insights into the life and function of the Protoaurignacian endscrapers at Fumane Cave. **Archaeological and Anthropological Sciences**, 13(8):137. <https://doi.org/10.1007/s12520-021-01367-4>

### 2020

Bataille, G., **Falcucci, A.**, Tafelmaier, Y., Conard, N. J. (2020). Technological differences between Kostenki 17/II (Spitsynskaya industry, Central Russia) and the Protoaurignacian. Reply to Dinnis et al. (2019). **Journal of Human Evolution**, 146:102685. <https://doi.org/10.1016/j.jhevol.2019.102685>

**Falcucci, A.**, Conard, N.J., Peresani, M. (2020) Breaking through the Aquitaine frame: A re-evaluation on the significance of regional variants during the Aurignacian as seen from a key record in southern Europe. **Journal of Anthropological Sciences**, 98:99-140. <https://doi.org/10.4436/JASS.98021>

Marciani, G., Ronchitelli, A., Arrighi, S., Badino, F., Bortolini, E., Boscato, P., Boschini, F., Crezzini, J., Delpiano, D., **Falcucci, A.**, Figus, C., Lugli, F., Negrino, F., Oxilia, G., Romandini, M., Riel-Salvatore, J., Spinapolice, E., Peresani, M., Moroni, A., Benazzi, S. (2020) Lithic techno-complexes in Italy from 50 to 39 thousand years BP: an overview of cultural and technological changes across the Middle-Upper Palaeolithic boundary. **Quaternary International**, 551:123-149. <https://doi.org/10.1016/j.quaint.2019.11.005>

### 2019

**Falcucci, A.** & Peresani, M. (2019) A pre-Heinrich Event 3 assemblage at Fumane Cave and its contribution for understanding the beginning of the Gravettian in Italy. **Quartär**, 66:135-154. [https://doi.org/10.7485/QU66\\_6](https://doi.org/10.7485/QU66_6)

Ioannidou, M., **Falcucci, A.**, Röding, C., Kandel, A.W. (2019) Eighth Annual Meeting of the European Society for the Study of Human Evolution. **Evolutionary Anthropology Issues News and Reviews**, 28(2):52–54. <https://doi.org/10.1002/evan.21770>

### 2018

Caricola, I., Zupancich, A., Moscone, D., Mutri, G., **Falcucci, A.**, Duches, R., Peresani, M., Cristiani, E. (2018) An integrated method for understanding the function of macro-lithic tools. Use wear, 3D and spatial analyses of an Early Upper Palaeolithic assemblage from North Eastern Italy. **PLoS One**, 13:e0207773. <https://doi.org/10.1371/journal.pone.0207773>

**Falcucci, A.** (2018) Towards a renewed definition of the Protoaurignacian. **Mitteilungen der Gesellschaft für Urgeschichte**, 27:87–130.

**Falucci, A.** & Peresani, M. (2018) Protoaurignacian Core Reduction Procedures: Blade and Bladelet Technologies at Fumane Cave. **Lithic Technology**, 43:125-140. <https://doi.org/10.1080/01977261.2018.1439681>

**Falucci, A.**, Peresani, M., Roussel, M., Normand, C., Soressi, M. (2018) What's the point? Retouched bladelet variability in the Protoaurignacian. Results from Fumane, Isturitz, and Les Cottés. **Archaeological and Anthropological Sciences**, 10:539–554. <https://doi.org/10.1007/s12520-016-0365-5>

## 2017

**Falucci, A.**, Conard, N. J., Peresani, M. (2017) A critical assessment of the Protoaurignacian lithic technology at Fumane Cave and its implications for the definition of the earliest Aurignacian. **PLoS One**, 12(12): e0189241. <https://doi.org/10.1371/journal.pone.0189241>

## Non-Refereed Publications

**Falucci, A.** (2019) The importance of re-evaluating the Aurignacian industry for understanding the Early Upper Paleolithic. 15th Newsletter of The Role of Culture in Early Expansions of Humans (ROCEEH).

## 3D-Scanning Protocols

**Falucci, A.**, (2022) MicroStone: Exploring the capabilities of the Artec Micro in scanning stone tools. **protocols.io**. [dx.doi.org/10.17504/protocols.io.81wgb6781lpk/v1](https://doi.org/10.17504/protocols.io.81wgb6781lpk/v1)

Göldner, D., Karakostis, F. A., **Falucci, A.**, (2022) StyroStone: A protocol for scanning and extracting three-dimensional meshes of stone artefacts using Micro-CT scanners V.2. **protocols.io**. [dx.doi.org/10.17504/protocols.io.4r3l24d9qg1y/v2](https://doi.org/10.17504/protocols.io.4r3l24d9qg1y/v2)

## Open Access Repositories

**Falucci, A.** (2022) Research compendium for ‘The contribution of integrated 3D model analysis to Protoaurignacian stone tool design’. **Zenodo**. doi : 10.5281/zenodo.6504415

**Falucci, A.**, Karakostis, F. A., Göldner, D., Peresani, M. (2022) Research compendium for ‘Bringing shape into focus: Assessing differences between blades and bladelets and their technological significance in 3D form’. **Zenodo**. doi : 10.5281/zenodo.6368200

**Falucci, A.** and Peresani, M. (2022) The Open Aurignacian Project. Volume 1: Fumane Cave in northeastern Italy. **Zenodo**. doi : 10.5281/zenodo.6362149

Göldner, D., Karakostis, F. A., **Falucci, A.**, (2022) Research compendium for ‘Practical and technical aspects for the 3D scanning of lithic artefacts using micro-computed tomography techniques and laser light scanners for subsequent geometric morphometric analysis. Introducing the StyroStone protocol’. **Zenodo**. doi : 10.5281/zenodo.6365680

## Grants and Awards

Total awarded ~400,000€

### Research Grant

REINHARD-FRANK-STIFTUNG (HAMBURG, DE)

- Awarded for a research stay at Harvard University (Cambridge, Massachusetts, USA)

19,500€

Dec 2022

### Publication Grant

OPEN ACCESS PUBLICATION FUND (TÜBINGEN, DE)

- Awarded to cover the publication fees of open access journals

1,200€

May 2022

### Publication Grant

OPEN ACCESS PUBLICATION FUND (TÜBINGEN, DE)

- Awarded to cover the publication fees of open access journals

770€

April 2022

### Research Grant

DFG, GERMAN RESEARCH FOUNDATION (BONN, DE)

- Awarded for the project “Investigating Early Upper Paleolithic Technological Variability and Cultural Dynamics South of the Alps”

316,229€

Sept 2020

### Research Grant

UNIVERSITY OF TÜBINGEN (TÜBINGEN, DE)

- Awarded for conducting research at the Department of Geosciences, Early Prehistory and Quaternary Ecology working group

1,000€

Jan 2019

### Research Grant

UNIVERSITY OF FERRARA (FERRARA, IT)

- Awarded for analyzing the Gravettian lithic assemblage from Fumane Cave

3,000€

March 2019

### Travel Bursary

EUROPEAN SOCIETY FOR THE STUDY OF HUMAN EVOLUTION (ESHE)

- Awarded to present a paper at the ESHE annual meeting in Faro, Portugal

150€

Sept 2018

### Travel Bursary

INTERNATIONAL UNION OF PREHISTORIC AND PROTOHISTORIC SCIENCES (UISPP)

- Awarded to present a paper at UISPP conference in Paris, France

200€

Aug 2018

### Travel Bursary

UNIVERSITÄTSBUND TÜBINGEN E. V. (TÜBINGEN, DE)

- Awarded to present my Ph.D. findings at the UISPP conference in Paris, France

150€

Aug 2018

### Publication Grant

OPEN ACCESS PUBLICATION FUND (TÜBINGEN, DE)

- Awarded to cover the publication fees of open access journals

1,150€

Dec 2017

### Travel Bursary

EUROPEAN SOCIETY FOR THE STUDY OF HUMAN EVOLUTION (ESHE)

- Awarded to present a paper at the ESHE annual meeting in Madrid, Spain

250€

Sept 2016

### Ph.D. Scholarship

BADEN-WÜRTTEMBERG MINISTRY OF SCIENCE, RESEARCH AND ART (DE)

- Awarded to conduct a doctoral research project at the University of Tübingen

49,200€

Dec 2015

### Research Grant

FONDAZIONE ATLANTE (MILAN, ITALY)

- Awarded for a research stay at the Hebrew University of Jerusalem, Israel

4,000€

April 2015

### Erasmus+ Scholarship

EUROPEAN COMMISSION

- Study abroad program at the University of Toulouse, France

3,000€

Sept 2014

### Travel Bursary

INTERNATIONAL UNION OF PREHISTORIC AND PROTOHISTORIC SCIENCES (UISPP)

- Awarded to present a paper at UISPP conference in Burgos, Spain

350€

Aug 2014

### Erasmus Scholarship

EUROPEAN COMMISSION

- Study abroad program at the University of Granada, Spain

4,500€

Sept 2012

## Teaching Experience and Supervision

I teach prehistoric archaeology, lithic technology, and 3D-based methods in the framework of the MSc program **Archaeological Sciences and Human Evolution** [↗](#) at the **Institute for Archaeological Sciences** [↗](#) (University of Tübingen, Germany).

### Summer Term 2023 (already approved)

ASHE 6f-2, ASHE 5, UFGAM\_MA\_6.3: *3D Applications in lithic analysis* (3 ECTS).

ASHE-6f-1: *Stone Age Technology* (3 ECTS). Course held in collaboration with other colleagues from the University of Tübingen.

### Summer Term 2022

UFG-BA, UFG-MA, NWA: *Prehistory of Mediterranean Europe: late Neanderthals and modern humans* (3 ECTS).

ASHE 6f-2, ASHE 5, UFGAM\_MA\_6.3: *3D Applications in lithic analysis* (3 ECTS).

ASHE-6f-1: *Stone Age Technology* (3 ECTS). Course held in collaboration with other colleagues from the University of Tübingen.

## Summer Term 2021

UFG-BA, UFG-MA, NWA: *Prehistory of Mediterranean Europe: late Neanderthals and modern humans* (3 ECTS).

## Supervision

I am co-supervising a **master's thesis** involving the analysis of Magdalenian backed bladelets from Vogelherd Cave (Swabian Jura, Germany). This research will integrate 3D shape analysis and use-wear analysis. The thesis is supposed to be defended in the summer of 2023.

I supervised **seven** research assistants (*Wissenschaftliche Hilfskraft*) in the framework of my DFG project "Investigating Early Upper Paleolithic Technological Variability and Cultural Dynamics South of the Alps" to assist in lithic analysis, experimental activity, and 3D-scanning.

## Technical Skills

### Coding Languages

R, RMarkdown, RStudio

### Software

Adobe CreativeCloud, Avizo, Geomagic Wrap, GitHub, IBM SPSS, Meshlab, Microsoft Office, Past

### 3D Scanners

Artec Micro, Artec Space Spider, EinScan Pro HD

## Additional Training and Professional Development

Ongoing **Certificate "Science Communication and Media Competence"** (Graduate Academy, Tübingen)

2022 **Data Manipulation with R Tidyverse** (TransmittingScience, Barcelona)

2022 **R's ggplot2** (TransmittingScience, Barcelona)

2022 **R Programming Course** (TransmittingScience, Barcelona)

2022 **Strategic Career Planning in Academia** (Graduate Academy, Tübingen)

2022 **Taking the Lead for Postdocs** (Graduate Academy, Tübingen)

2022 **Advanced Agile Project Management for Researchers** (Graduate Academy, Tübingen)

2021 **Principles of Grant Writing** (Graduate Academy, Tübingen)

## Professional Memberships

Since 2022 **Computer Applications and Quantitative Methods in Archaeology (CAA)**

Since 2023 **Paleoanthropology Society**

Since 2022 **Society for American Archaeology (SAA)**

Since 2020 **Gesellschaft für Urgeschichte e.V. (GFU)**

Since 2016 **Hugo Obermaier-Gesellschaft (HOG)**

Since 2016 **European Society for the Study of Human Evolution (ESHE)**

## Academic Service

I have served as academic reviewer for several peer-reviewed journals such as **PLoS ONE** (2), **Archeological and Anthropological Sciences** (1), **Journal of Archaeological Science: Reports** (1), **Journal of Paleolithic Archaeology** (2), **IIPP Journal** (2), as well as for several edited book chapters.

### Member of doctoral committee

I was an external **member of the doctoral committee** for the dissertation entitled "Reducción y gestión volumétrica: aproximación a la variabilidad y evolución de las dinámicas de explotación durante el Pleistoceno inferior y medio europeo, a través de los conjuntos de Gran Dolina y Galería (Sierra de Atapuerca, Burgos) y de El Barranc de la Boella (La Canonja, Tarragona)", defended by **Dr. Diego Lombao Vázquez** at the Universitat Rovira i Virgili (Tarragona, Spain) on the **20.12.2021**

## Organization of Conference Sessions

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### 2023

Lombao, D., Rabuñal, J.R., **Falucci, A.**, Le Bret, J.B., Tobalina-Pulido, L. (2023) Replicable Archaeology: Looking for Workflows and Data Management Strategies Fostering Data Reuse and Methodological Transferability in Archaeological Science. 29th **European Association of Archaeologists (EAA)** Annual Meeting (Belfast, Northern Ireland). *Session #603 (accepted)*.

## Scholarly Presentations

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### 2023

**Falucci, A.** & Lombao, D. (2023) Measuring reduction intensity in laminar cores: an experimental approach and archaeological application. 88th Annual Meeting of the **Society for American Archaeology (SAA)** (Portland, USA). *Podium Presentation. (accepted)*

**Falucci, A.**, Moroni, A., Negrino, F., Peresani, M., Riel-Salvatore, J., Ronchitelli, A. (2023) Investigating Aurignacian technological variability and population connectedness south of the Alps and along peninsular Italy. Annual **Paleoanthropology Society** Meeting (Portland, USA). *Podium Presentation. (accepted)*

**Falucci, A.**, Moroni, A., Negrino, F., Peresani, M., Riel-Salvatore, J., Ronchitelli, A. (2023) The role of changing environmental conditions in the structure of Aurignacian populations south of the Alps and along peninsular Italy. XXI **International Union for Quaternary Research (INQUA)** Congress (Rome, Italy). *Podium Presentation. (submitted)*

### 2022

**Falucci, A.** (2022) Integrating 2D and 3D shape analysis in lithic technology: A discussion around a case study and future research perspectives. 49th Meeting of the **Computer Applications and Quantitative Methods in Archaeology** (Oxford, UK). *Podium Presentation.*

**Falucci, A.**, Giusti, D., Zangrossi, F., De Lorenzi, M., Ceregatti, L., Peresani, M. (2022). Linking blades: a systematic refitting analysis of blade fragments from the Protoaurignacian sequence of Fumane Cave. 12th Annual Meeting of the **European Society for the study of Human Evolution** (Tübingen, DE). *Poster Presentation.*

**Falucci, A.**, Karakostis, F. A., Göldner, D., & Peresani, M. (2022) Identifying and quantifying morphological separation between blade and bladelet productions through 3D shape analysis. 87th Annual Meeting of the **Society for American Archaeology (SAA)** (Chicago, USA). *Podium Presentation.*

Rossini, M., **Falucci, A.**, Dominici, C., Ronchitelli, A., Tomasso, A., Boschin, F. (2022) Analytical potential of 2D shape analysis to study Epigravettian lithic assemblages. 4th IMEKO **International Conference on Metrology for Archaeology and Cultural Heritage** (Cosenza, Italy). *Podium Presentation.*

### 2021

**Falucci, A.**, Karakostis, F. A., Göldner, D., & Peresani, M. (2021) Identifying and quantifying morphological separation between blade and bladelet productions through 3D shape analysis. 13th **International Symposium of Knappable Materials** (Online). *Podium Presentation.*

**Falucci, A.**, and Peresani, M. (2021) Assessing the Gravettian evidence from Fumane Cave. 62nd Annual Meeting of the **Hugo Obermaier Society** for Quaternary Research and Archaeology of the Stone Age. *Podium Presentation.*

### 2019

**Falucci, A.** (2019) The site of Fumane Cave in northern Italy. Formation processes, stratigraphy, and dating of the Protoaurignacian. Archéologie Alsace - ÄUQÖ Tübingen **CIERA Meeting** (Tübingen, DE). *Podium Presentation.*

**Falucci, A.**, Conard, N. J., Peresani, M. (2019) A re-evaluation of the Protoaurignacian sequence at Fumane Cave in northern Italy. 61st Annual Meeting of the **Hugo Obermaier Society** for Quaternary Research and Archaeology of the Stone Age (Erkrath, DE). *Podium Presentation.*



## 2018

Aureli, D., Arrighi, S., Bortolini, E., Boscato, P., Boschini, F., Crezzini, J., **Faluccci, A.**, Delpiano, D., Figus, C., Moroni, A., Negrino, F., Peresani, M., Riel-Salvatore, J., Romandini, M., Ronchitelli, A., Spinapolice, E., Benazzi, S. (2018) Italian Peninsula between 45 and 39 ky ago: the sunset of the “old” and the dawn of the “new”? Let the lithic industries tell! XVIII **UISPP World Congress** (Paris, France). *Podium Presentation*.

**Faluccci, A.**, Conard, N. J., Peresani, M. (2018) Testing technological definitions: a critical assessment of the Protoaurignacian at Fumane Cave. XVIII **UISPP World Congress** (Paris, France). *Podium Presentation*.

**Faluccci, A.**, Conard, N. J., Peresani, M. (2018) The chrono-cultural narrative of the Fumanian Aurignacian supports the inapplicability of the Aquitaine Model on a supra-regional scale. 8th Annual Meeting of the **European Society for the study of Human Evolution** (Faro, PT). *Podium Presentation*.

## 2017

Bataille, G., Bolus, M., Conard, N. J., **Faluccci, A.**, Peresani, M., Tafelmaier, Y. (2017) The techno-typological variability of the European Aurignacian from a multi-regional and diachronic perspective. 59th Annual Meeting of the **Hugo Obermaier Society** for Quaternary Research and Archaeology of the Stone Age (Aurich, DE). *Podium Presentation*.

Peresani, M., Delpiano, D., Aleo, A., Duches, R., **Faluccci, A.**, Forte, M., Gennai, J., Nannini, N., Romandini, M., Terlato, G. (2017) La transizione Neanderthal – Sapiens in Italia Nord-orientale: Ricerche dell’università di Ferrara. Annual Meeting of the **TourismA Society** for Archaeology and Tourism (Firenze, IT). *Poster Presentation*.

## 2016

**Faluccci, A.** & Peresani, M. (2016) New investigations on the Protoaurignacian lithic technology of Fumane Cave. 6th Annual Meeting of the **European Society for the study of Human Evolution** (Madrid, ES). *Poster Presentation*.

**Faluccci, A.**, Peresani, M., Roussel, M., Normand, C., Soressi, M. (2016) Protoaurignacian retouched bladelets: where do we stand? 59th Annual Meeting of the **Hugo Obermaier Society** for Quaternary Research and Archaeology of the Stone Age (Budapest, HU). *Poster Presentation*.

## 2014

Romandini, M., **Faluccci, A.**, Gurioli, F., Broglio, A. (2014) First European Anatomically Modern Humans and the “route of shells”: chronological and qualitative evidence from the Veneto plain region sites. XVII **UISPP World Congress** (Burgos, ES). *Poster Presentation*.

## Invited Academic Lectures

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### 2022

African Paleosciences Laboratory, Department of Anthropology, **New York University**. *Title: A discussion surrounding 3D scanning technology for archaeological sciences.*

### 2020

Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, **University of Tübingen**. Kolloquium Ältere Urgeschichte. *Title: A pre-Heinrich Event 3 assemblage at Fumane Cave, Northeast Italy.*

### 2019

Institut für Ur- und Frühgeschichte, **University of Cologne**. Prähistorisches Kolloquium. *Title: Breaking through the Aurignacian frame: A re-evaluation of the archaeological record south of the Alps.*

DFG Center for Advanced Studies “Words, Bones, Genes, Tools: Tracking Linguistic, Cultural and Biological Trajectories of the Human Past”, **University of Tübingen**. Center Colloquium. *Title: The first European archers? Review of Sano et al. 2019 (The earliest evidence for mechanically delivered projectile weapons in Europe, Nature Ecology and Evolution).*

2018

Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, **University of Tübingen**. Kolloquium Ältere Urgeschichte. *Title: A Chrono-cultural Narrative of the Fumanian Aurignacian.*

2016

Dipartimento di Studi Umanistici, Sezione di Scienze Preistoriche e Antropologiche, **University of Ferrara**. Student seminar. *Title: L'Aurignaziano di Grotta di Fumane.*

2015

Institut für Naturwissenschaftliche Archäologie, **University of Tübingen**. INA Colloquium. *Title: The Protoaurignacian in the context of the Early Upper Paleolithic. Concepts, variability and possible technological convergences with the Early Ahmarian.*

## Fieldwork Experience

I have taken part in several **archaeological excavations** across France, Germany, Israel, and Italy. Likewise, I have spent several months in many universities and research institutions to analyze Upper Paleolithic **lithic assemblages** from France (Isturitz, Les Cottés), Israel (Hayonim, Kebara, Manot Cave), Italy (Bombrini, Castelcivita, Fersinone, Fumane, Serino, Villabruna), and Lebanon (Ksar Akil).

## Languages

| Skill     | Italian | English | Spanish | French | German | Greek |
|-----------|---------|---------|---------|--------|--------|-------|
| Reading   | Native  | C2      | C2      | C1     | B2     | A1    |
| Writing   | Native  | C1      | C1      | B2     | B1     | A1    |
| Listening | Native  | C1      | C2      | C1     | B2     | A1    |
| Speaking  | Native  | C1      | C1      | B2     | B1     | A1    |

Common European Framework of Reference for Languages: A1/A2: Basic User. B1/B2: Independent User. C1/C2: Proficient User