

Dr Fiona Pichon

11/09/88, French

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MSFA-IF Fellow, IMF-CSIC, Barcelona (Spain)

Associate researcher, UMR 5133-Archéorient (CNRS)

Highlights

Research grants and contracts

4 postdoc grants awarded
2 mobility grants awarded for international conferences
1 PhD and 1 scientist research contract awarded
6 financial supports for research stays outside France

Publications

7 total publications
5 publications peer-reviewed indexed journals
5 publications in peer-reviewed conference proceedings
6 on-line publications on institutional research blogs

Teaching in higher education university

46h of lecture courses
238h of tutorial classes

Participation to fieldworks and research projects

5 participations in international research project
in Syria, Georgia, Jordan and Iraqi Kurdistan

Conference attendances and invited lectures

10 invited lectures as 1st author
11 congress attendances

Metrics

Scopus h-index: 1
Google scholar h-index: 1

CURRENT POSITION

2021-2023 **Marie Skłodowska-Curie IF-Fellow** at the Milà y Fontanals Institute, Spanish Council for Scientific Research (Barcelona, Spain). From: 01/09/2021 to: 31/08/2023.

RESEARCH TOPICS DEVELOPED

- Emergence of the first farmer societies in Southwest Asia
- Human occupation and adaptation in arid margins during the Neolithic
- Approach to technical systems through the technological and functional study of lithic tools
- Subsistence strategies and economy of the last hunter-gatherers and first farming societies
- Cultural traditions and skills involved in craft activities and symbolic practices
- Interaction network: transmission and circulation of objects, ideas and innovations
- Methodological contributions and analytical tools: use-wear analysis, technology, experiments, confocal microscopy (quantitative approach).

CV SUMMARY

I am a researcher in Archaeology, focusing on the emergence of the first farming societies in the Southwest Asia. My approach is based on the analysis of stone tools to define the interaction processes between technical innovations and social practices when the last groups of hunter-gatherers adopted a sedentary lifestyle and became food producers. I am one of the emerging researchers in use-wear analysis, trained by the world-renowned expert of the discipline (P. Anderson and S. Beyries, French CNRS). The approach I propose has been successfully carried out in my PhD thesis, funded by the Paris-Sorbonne University. For my academic formation, I gained a solid teaching experience in higher education in Archaeology (46 hours of lectures and 234 hours of tutorials at the Paris-Sorbonne University) for which I obtained my Qualification for the functions of Lecturer.

During my first postdoctoral position at the Milà y Fontanals Institute (CSIC) in Spain under the supervision of J.J. Ibáñez (Fyssen Foundation grant), and afterwards at the Tsukuba University in Japan under the supervision of A. Tsuneki (Japan Society for the Promotion of Science grant), I studied various tool assemblages from different Neolithic sites across the Southwest Asia (Syria, Jordan, Iraq and Iran), dated between 10th and 6th millennia. Recently, I joined the international research 'South-eastern Badia Archaeological Project', working on the comparison between sedentary villages and the semi-nomadic hunters of the desert kites, in southern Jordan. Addressing these issues over a widespread area, in different archaeological settlements, I will be able to signify the particularities of these productions in a long-term perspective. My aim is to determine whether observed changes are related to an economic specialisation of sites, or to a chronological or cultural diversity.

In the coming years, with the MSCA-funded OBSTRADE project, I will investigate the role of the obsidian exchange networks in the transmission and spread of innovations during the transition to farming. For understanding obsidian trade, the project proposes an original, innovative, and interdisciplinary approach, by analysing Neolithic obsidian tool function and geographical distribution. I will develop, for the first time, a methodology for the study of obsidian tools using high-precision surface texture analysis through confocal Scanning Microscopy in collaboration with J.J. Ibáñez of the Archaeology of Social Dynamics Research group (IMF-CSIC). This work will allow to run a modelling on the use and exchange of obsidian in the SW Asia, by applying network analysis and agent-based modelling in collaboration with R. Toral (IFISC, Balears University). In addition, I will continue exploring the mechanism of diffusion and adaptation of the Neolithic in the Fertile Crescent and its surroundings (Iran, Iraq, Kurdistan, Jordan, and Turkey).

ACADEMIC QUALIFICATION

2018-2022 **Qualification as Senior Lecturer**, Section CNU 20 - Biological Anthropology, Ethnology, Prehistory.

PROFESSIONAL EXPERIENCE

2019-2020 **Post-doctoral fellow of the Japan Society for the Promotion of Science (3-months)** at the Research Center for West Asian Civilization, Department of History and Anthropology, University of Tsukuba (Tsukuba, Japan).

2018-2019 **Post-doctoral fellow of Fyssen Foundation Fyssen (12-mois)** at the Milá y Fontanals Institute, Spanish Council for Scientific Research (Barcelona, Spain).

2016-2017 **Part-time Lecturer** at the Paris-Sorbonne University (Paris, France), Department of History of Art and Archaeology.

2014-2015 **Part-time Lecturer** at the Paris-Sorbonne University (Paris, France), Department of History of Art and Archaeology.

2011-2014 **Pre-doctoral contract with teaching mission (3 years)** at the Paris-Sorbonne University (Paris, France), Department of History of Art and Archaeology.

ACADEMIC FORMATION

2011-2017 **PhD** in “Archaeology” at the Paris-Sorbonne University (Paris, France) with First-class Honors.
Dissertation title: “*Cultural Traditions in the First Village Communities of the Northern Levant: The Functional Analysis of Flint Tools at Dja'de el-Mughara (Syria, Early PPNB, 9th mill.)*”.
PhD supervisors: Prof. J.-Y. Monchambert (Paris-Sorbonne University) and Dr É. Coqueugniot (UMR 5133-Archéorient, CNRS).
Jury composition: F. Abbès (UMR 5133-Archéorient, CNRS), P. Anderson (UMR 7264-CEPAM, CNRS), S. Beyries (UMR 7264-CEPAM, CNRS), J. J. Ibáñez (IMF-CSIC), Ann-Lou van Gijn (University of Leiden).

2009-2011 **M.A.** in “Archaeology and History of Art” at the Paris-Sorbonne University (Paris, France).
Dissertation title: “*The lithic tools of the first village communities in the Northern Levant*”.
Supervisor: J.-Y. Monchambert (Paris-Sorbonne University).

2006-2009 **B.A.** in “Humanities and Social Sciences, Mention History and Archaeology” at the François Rabelais University (Tours, France)

SPECIALISED TRAINING

1. Introduction to the use-wear analysis of Pre- and Protohistoric tools (module 2) organised by C. Hamon et Y. Maigrot (UMR 8215-Trajectoires, CNRS) in Cuiry-lès-Chaudardes (France). Archaeological experimentation; macro- and microscopic observations of archaeological tools. 09/2016.

- 2. Introduction to the use-wear analysis of Pre- and Protohistoric tools (module 1)** organised by S. Beyries (UMR 7264-CEPAM, CNRS) in Nice (France). Archaeological experimentation; macro- and microscopic observations of archaeological tools. [10/2013](#).
- 3. GIS for Archaeology** organised by O. Barge and É. Régagnon (UMR 5133-Archéorient, CNRS) at the Maison de l'Orient et de la Méditerranée in Lyon (France). [06/2013](#).
- 4. Lithic drawing for Archaeology** organised by G. Devilder (UMR 5133-Archéorient, CNRS) at the Maison de l'Archéologie et de l'Ethnologie in Nanterre (France). [06/2012](#).
- 5. Technology of prehistoric lithic tools** organised by J. Pélegrin (UMR 7055-Préhistoire et Technologie, CNRS) and P. J. Texier (UMR 5199-PACEA, CNRS) in Campagne (France). Methodology of lithic technology; commented flint knapping demonstrations and practical introduction to flint knapping. [09/2011](#).
- 6. École Supérieure du Professorat et de l'Éducation** (Higher Faculty of Professorship and Education) in Paris (France). Teaching methods and specificities. [From: 01/10/2011 to: 30/09/2014 \(20 days\)](#).

RESEARCH GRANTS, CONTRACTS AND FUNDING

Postdoctoral scholarships

- 1. Postdoctoral Horizon 2020 EU-funded MSCA Individual Fellowship (2-years)** - Milá y Fontanals Institute, Spanish Council for Scientific Research (Barcelona, Spain). Project title: "*Obsidian Trade at the Onset of the Neolithic in the Near East. Assessing Obsidian Tool Use and Modelling Exchange Networks*". Advisor: Dr. J.J. Ibáñez. Amount: 160.932 euros. [From: 01/09/2021 to: 31/08/2023](#).
- 2. Postdoctoral 'Program ATLAS' grant of the Foundation Maison des Sciences de l'Homme (2-months)** - French Near Eastern Institute (Amman, Jordan). Project title: "*On the Arid Margins of the Fertile Crescent: Technical and Social Organisation of Neolithic Hunters through the Functional Study of Stone Tools (7th millennium cal BC)*". Advisor: Dr. W. Abu-Azizeh. Amount: 3.200 euros. [Cancelled Covid-19](#).
- 3. Postdoctoral Japan Society for the Promotion of Science grant (3-months)** - Research Centre for West Asian Civilisation, History and Anthropology, Tsukuba University (Tsukuba, Japan). Project title: "*From Tools to People: Early Neolithic Farming Societies in Southwest Asia (8th-6th mill. cal BC)*". Advisor: Prof. A. Tsuneki. Amount: 9.000 euros. [From: 11/11/2019 to: 08/02/2020](#).
- 4. Postdoctoral Fyssen Foundation grant (12-months: 10-months in Spain, 2 months in Jordan)** - Milá y Fontanals Institution, Spanish Council for Scientific Research (Barcelona, Spain). Project title: "*Technical Innovations and Societies during the Neolithic Transition in the Near East. Production and Use of Lithic Tools of the First Farming Communities (10th-7th millennia)*". Advisor: Dr J. J. Ibáñez. Amount: 30.000 euros. [From: 01/10/2018 to: 30/09/2019](#).

International mobility allowance

- 1. Winner of mobility grant from the University of Copenhagen** to participate in the international conference "Revisiting the Hilly Flanks", 17th to 20th August 2020 (Copenhagen, Denmark). [Postponed \(Covid-19\): online congress](#).
- 2. Winner of mobility grant "Support for participation in international congress"** from the French National Institute of Art History (INHA), Department of Studies and Research (Paris, France). Amount: 1.000 euros. [2019](#).

Research contracts

- 1. Contract scientist (2-years)** at the Milá y Fontanals Institute, Spanish Council for Scientific Research (Barcelona, Spain). [From: 01/09/2021 to: 31/08/2023](#).
- 2. Predoctoral contract (3-years)** at the Paris-Sorbonne University, Department of History of Art and Archaeology (Paris, France). [From: 01/10/2011 to: 30/09/2014](#).

Financial supports for short research stays in laboratories

- 1. Japan (3 months)** – Stay at the Research Centre for West Asian Civilisation, History and Anthropology, Tsukuba University (Tsukuba; contact: A. Tsuneki) for the use-wear analysis of lithic tools from the Syrian and Iranian Neolithic sites. Funded by the UMR 5133-Archéorient (CNRS), 1.500 euros. [From: 11/11/2019 to: 08/02/2020](#).

2. **Spain (1-month)** – Stay at the Milá y Fontanals Institution - Spanish Council for Scientific Research (Barcelona; contact: J. J. Ibañez) for the use-wear analysis of lithic tools from the Neolithic site of Dja'de (Syria). Funded by the UMR 8167 - East and Mediterranean (CNRS), 1.500 euros. From: 04/10/2016 to: 04/11/2016.
3. **France (5 days)** – Stay at the CEPAM laboratory (CNRS- UMR 7264, Nice; contact: S. Beyries) for the use-wear analysis of lithic tools from the Neolithic site of Dja'de (Syria). Funded by the Archaeological Mission of Dja'de, 160 euros. From: 24/07/2016 to: 29/07/2016.
4. **Spain (12 days)** – Stay at the Milá y Fontanals Institution - Spanish Council for Scientific Research (Barcelona; contact: J. J. Ibañez) for the use-wear analysis of lithic tools from the Neolithic site of Dja'de (Syria). Funded by the Archaeological Mission of Dja'de, 109 euros. From: 06/09/2015 to: 18/09/2015.
5. **Spain (20 days)** – Stay at the Milá y Fontanals Institution - Spanish Council for Scientific Research (Barcelona; contact: J. J. Ibañez) for the use-wear analysis of lithic tools from the Neolithic site of Dja'de (Syria). Funded by the Paris-Sorbonne University, 700 euros. From: 07/06/2015 to: 27/06/2015.
6. **Spain (11 days)** – Stay at the Milá y Fontanals Institution - Spanish Council for Scientific Research (Barcelona; contact: J. J. Ibañez) for the use-wear analysis of lithic tools from the Neolithic site of Dja'de (Syria). Funded by the UMR 8167 - East and Mediterranean (CNRS), 1.500 euros. From: 16/11/2014 to: 27/11/2014.

ACADEMIC EMPLOYMENTS AND TEACHING ACTIVITIES

Teachings in Paris-Sorbonne University (46h of lecture courses / 234h of tutorial classes)

1. **Part-time Lecturer (26h)** at the Paris-Sorbonne University (Paris, France), Department of History of Art and Archaeology, Bachelor Degree. From: 01/10/2016 to: 30/09/2017.
 - Lecture courses (26h): *“Spaces, culture and settlement: approach and method in Pre- and Protohistory”*.
2. **Part-time Lecturer (66h)** at the Paris-Sorbonne University (Paris, France), Department of History of Art and Archaeology, Bachelor Degree. From: 01/10/2014 to: 30/09/2015.
 - Lecture courses (14h): *“Spaces, culture and settlement: approach and method in Pre- and Protohistory”*.
 - Tutorial classes (52h): *“Methodology in History of Art and Archaeology”*.
3. **Lecturer with predoctoral contract (188h)** at the Paris-Sorbonne University (Paris, France), Department of History of Art and Archaeology, Bachelor Degree. From: 01/10/2011 to: 30/09/2014.
 - Lecture courses (6h): *“Neolithisation of the Near East”*.
 - Tutorial classes (30h): *“Methodology in History of Art and Archaeology”*.
 - Tutorial classes (126h): *“Initiation to the Art and Archaeology of the Near East”*.
 - Tutorial classes (26h): *“Spaces, culture and settlement: approach and method in Pre- and Protohistory”*.

Courses	Type	Content	Number of hours
University Paris-Sorbonne, Departement of History of Art and Archaeology, Bachelor Degree			
Neolithisation of the Near East	Lecture courses for Bachelor Degree 2nd year	Themes: the transition from hunter-gatherer societies to agro-pastoral societies in SW Asia; sedentarisation and evolution of architectural practices; beginning of agriculture and animal husbandry; technical and cultural transformations Evaluation: dissertation	6
Methodology in History of Art and Archeology	Tutorial classes Bachelor Degree 1st year	Themes: major discoveries in Egyptian, Near Eastern, Greek and Roman Art History and Archaeology Evaluation: oral presentation, dissertation	82
Initiation to the Art and Archaeology of the ancient Near East	Tutorial classes Bachelor Degree 1st year	Theme: Archaeology and Art History from the Neolithic period to the end of the Iron Age in the Near East Evaluation: oral presentations	126
University Paris-Sorbonne, Departement of History of Art and Archaeology, Bachelor degree in Archaeology and Geography			
Space, culture and settlement: questions of approach and method in Pre- and protohistory	Lecture courses Bachelor Degree 2nd year	Theme: emergence and development of the first sedentary and agricultural societies in the Near East; recent development of research in Eastern Prehistory; research methods and techniques in Prehistory (lithic technology and use-wear, archaeozoology, archaeobotany, experiments, paleoenvironment, anthropology) Evaluation: oral presentation, dissertation	40
Space, culture and settlement: questions of approach and method in Pre- and protohistory	Tutorial classes Bachelor Degree 2nd year	Theme: human societies and the exploitation of environment in the Levant during the Neolithisation process; cultures and environments from the Epipaleolithic to the Neolithic; occupation and management of space and territories by Neolithic groups. Evaluation: oral presentation, dissertation	26
Total			280
Methodological aims			
1) to provide students with methodological tools for the elaboration of oral presentations and essays, in addition to the knowledge and technical vocabulary acquired during the lectures;			
2) to respond to a specific questions by constructing a well thought-out and precise argument and by mobilising knowledge.			

Summary table of courses given between 2011 and 2017 and details of content.

Teachings in Spanish University (4h of tutorial classes)

1. **Tutorial classes (4h)** for the University Autonoma de Barcelona (Barcelona, Spain), Department of Philosophy and Letters, Bachelor Degree in Archaeology, 28/05/2021.
 - Tutorial classes (4h): “External practices: use-wear analysis of flint and obsidian tools”.

Interventions in training courses and master classes

1. **Masterclass “Marie Curie Individual and Global Fellowship” (2h)** organised by the ‘Labos Junior’ of the Maison de l’Orient et de la Méditerranée (Lyon, France). 15th June 2021, PhD students and Postdoctoral Researchers.
2. **Seminar “Valorisation and mediation of archaeological heritage” (2h)**, Master Patrimoine et Musée at the Panthéon-Sorbonne University organised by F. Giligny, with the association Past and Curious (Paris, France). 13 November 2021.
3. **Introduction to the use-wear analysis of Pre- and Protohistoric tools (5 days)**, UMR 8215 -Trajectoires, CNRS (Cuiry-lès-Chaudardes, France). From: 21/09/2018 to: 25/09/2018.

Invited lectures at teaching and research seminars as 1st author

1. **PICHON F.** (2021), *“Toolkit of the First Farming Communities in Southwest Asia: New Insights from Lithic Use-Wear Analysis”* – 1h.
Conference organised by the “Archaeology of Social Dynamics” research group at the Institute Milá y Fontanals, CSIC, (Barcelona, Spain). 17th March 2021.
2. **PICHON F.** (2020), *“Use-wear analysis of lithic tools from Dja’de el-Mughara: Technical activities and cultural traditions during the EPPNB in the Northern Levant (Syria, 9th mill.)”* – 2h.
Workshop organised by the “Subsistence Economy and Social Structures in Prehistoric West Asia” research group at the Research Centre for West Asian Civilisation, History and Anthropology, University of Tsukuba (Tokyo, Japan). 25th January 2020.
3. **PICHON F.** (2019), *“The beginning of agriculture in the Near East: a traceological approach to harvesting tools in Dja’de el-Mughara (9th mill.)”* – 2h.
Archaeobotanical seminar of the UMR 7209-AASPE (CNRS) at the National Museum of Natural History (Paris, France), 23rd March 2019.
4. **PICHON F.** (2017), *“Functional analysis of the lithic tools from Dja’de (Syria)”* – 1h.
Doctoral seminar “Archaeology of the Ancient Near East” organised par J.-Y. Monchambert at the Paris-Sorbonne University (Paris, France), 29th March 2017.
5. **PICHON F.** (2016), *“The use of sickles in the Near East: archaeological approach”* – 2h.
Seminar of the Master Quaternary and Prehistory “Tools, methods, and approaches in archaeology from the Neolithic to the Middle Ages”, National Museum of Natural History and Paris-Sorbonne University (Paris, France), 20th October 2016.
6. **PICHON F.** (2016), *“The exploitation of cereals in Dja’de: the contribution of the functional study of glossy blades”* – 1h.
Doctoral seminar “Archaeology of the Ancient Near East” organised par J.-Y. Monchambert at the Paris-Sorbonne University (Paris, France), 9th May 2016.
7. **PICHON F.** (2015), *“Functional analysis of sickles (glossy blades) from Dja’de: preliminary results”* – 1h.
Doctoral seminar “Archaeology of the Ancient Near East” organised par J.-Y. Monchambert at the Paris-Sorbonne University (Paris, France), 6th May 2015.
8. **PICHON F.** (2014), *“Functional analysis of sickles blades from Dja’de: experimental framework and methods”* – 1h.
Doctoral seminar “Archaeology of the Ancient Near East” organised par J.-Y. Monchambert at the Paris-Sorbonne University (Paris, France), 19th March 2014.
9. **PICHON F.** (2013), *“Lithic tools from Dja’de: typology and function”* – 1h.
Doctoral seminar “Archaeology of the Ancient Near East” organised par J.-Y. Monchambert at the Paris-Sorbonne University (Paris, France), 27th March 2013.
10. **PICHON F.** (2012), *“Use-wear analysis as revealing technical, economic and cultural systems of Neolithic groups: concepts and methods”* – 1h.
Doctoral seminar “Archaeology of the Ancient Near East” organised par J.-Y. Monchambert at the Paris-Sorbonne University (Paris, France), 21st January 2012.

Tutoring

1. **Temporary tutor (31h)** at the Paris-Sorbonne University (Paris, France), Department of History of Art and Archaeology, Bachelor Degree. From: 01/10/2010 to: 30/06/2011.
 - Tutoring: “*Methodology in History of Art and Archaeology*”.
2. **Temporary tutor** at the Paris-Sorbonne University (Paris, France), Department of History of Art and Archaeology, Library of Art and Archaeology. From: 01/10/2009 to: 30/06/2010.
 - Tutoring: “*Assistance for documentary research*”.

PARTICIPATION IN FUNDED RESEARCH PROGRAMMES

Archaeological excavations in the Near East

1. **Jordan: Jibal al-Khashabiyeh (Archaeological Mission of South-East Jordan-MASEJ)** directed by W. Abu-Azizeh (IFPO) and M. Tarawneh (AHU). Funded by: French Ministry of Foreign Affairs, CNRS, UMR 5133-Archéorient (CNRS), Lyon 2 University, French Embassy in Jordan, Al-Hussein Bin Talal University (AHU) and IFPO. From: 04/06/2019 to: 30/06/2019.
2. **Jordan: Late Prehistoric Jordan Basin Archaeological Mission** directed by J. S. Baldi (UMR 5133-Archéorient) and F. Hourani (Amman University). Funded by: IFPO. From: 03/05/2019 to: 03/06/2019.
3. **Iraqi Kurdistan: Dar Grdal (French Archaeological Mission of the Governorate of Soulaïmaniah - MAFGS)** directed by J. Giraud (UMR 7041-ArScAn). Funded by: the National Museum of Natural History and UMR 7041-ArcScAn (CNRS). From: 04/05/2019 to: 21/05/2019
4. **Georgia: Archaeological mission of Gadachrili Gora** directed by C. Hamon (UMR 8215-Trajectoires) and M. Jalabadze (Georgian National Museum). Funded by: LIA GATES, ANR Kura in Motion, ANR Orimil. From: 01/09/2013 to: 30/09/2013.
5. **Syria: Archaeological mission of Dja’de el-Mughara** directed by É. Coqueugniot (UMR 5133-Archéorient). Funded by: the French Ministry of Foreign Affairs and UMR 5133-Archéorient (CNRS). From: 20/09/2010 to: 09/11/2010.

Experiments

1. **Archery during the Pre-Pottery Neolithic in the Near East** in collaboration with F. Abbès (UMR 5133 - Archéorient, CNRS). Function of Neolithic Byblos points and experimental shooting. Funded by: UMR 5133 - Archéorient (CNRS), Archaeological Mission of El Kowm-Mureybet. From: 2019 to: ongoing.
2. **Research on Neolithic ornaments** in collaboration with H. Alarashi (MSCA Fellowship, CSIC-IMF, Barcelona). Perforation of semi-precious stones. Funded by: UMR 5133 - Archéorient (CNRS) and H2020-EU. From: 2018 to: ongoing.
3. **Experimental cereals harvest** in collaboration with P. Anderson (UMR 7264-CEPAM, CNRS) and J. Linton (University of Liege). Harvesting, threshing and winnowing of cereals. Funded by: University of Liege and European Commission (Marie-Curie Cofund postdoctoral scholarship). From: 22/08/2016 to: 27/08/2016.

Publication funded programs

1. Project: “*Dja’de el-Mughara. A ninth millennium sequence in the Euphrates valley (Syria)*”. Funded by: The Shelby White and Leon Levy Programme - Harvard University (United States). From: 2020 to: 2023.
2. Project: “*The Neolithic site of Cheikh Hassan (Euphrates valley, Syria)*”. Funded by: The Shelby White and Leon Levy Programme - Harvard University (United States). From: 2020 to: 2023.

ORGANISATION OF INTERNATIONAL SEMINARS AND CONFERENCES

International seminars

1. **30/11/2021: Co-organiser of the seminar “Neolithisation in the Near East and the Caucasus: research developments and reflections”** at the Maison de l’Orient et de la Méditerranée (Lyon, France) with C. Ménager (UMR 5133-Archéorient, CNRS).
2. **2021-2022: Cycle of lectures organised by the “Archaeology of Social Dynamics” research group**, IMF-CSIC (Barcelona, Spain) with H. Alarashi, F. Borrell, I. Clemente, S. Guimarães, J.J. Ibáñez, S. Jiménez, A. Masclans, B. Milić, M. Portillo, X. Terradas, S. Valenzuela-Lamas, D. Visentin, H. Xhauffair and A. Zupancich.

3. **2020-2021: Cycle of lectures organised by the “Archaeology of Social Dynamics” research group**, IMF-CSIC (Barcelona, Spain) with H. Alarashi, F. Borrell, I. Clemente, S. Guimarães, J.J. Ibáñez, A. Masclans, N. Mazzucco, A. Nieto-Espinet, M. Portillo, X. Terradas, S. Valenzuela-Lamas, D. Visentin and H. Xhaufclair.
4. **2018-2019: Cycle of lectures organised by the “Archaeology of Social Dynamics” research group**, IMF-CSIC, Barcelona (Spain), with F. Borrell, I. Clemente, J.F. Gibaja, S. Guimarães, J.J. Ibáñez, N. Mazzucco, M. Mozota, A. Nieto-Espinet, X. Terradas and S. Valenzuela.

International conferences

1. Member of the organising committee of the international AWRANA conference Usewear and Residue Analysis, “Tracing Social Dynamics”, Barcelona (Spain). From: 05/04/2022 to: 08/04/2022.
2. Member of the session organising committee “New Methodologies for the study of Prehistoric Tools” at the international conference “*Rock and Roll: 13th International Symposium on Knappable Materials*”, Tarragona (Spain). From: 04/10/2021 to: 07/10/2021.
3. Co-Chairperson for the session “The heritage of countries at war: legislation, institutions, issues” with F. Villeneuve (Professor, Paris 1 - Panthéon Sorbonne University) at the international congress “Archaeology of conflict / Archaeology in conflict” organised by the association Routes de l'Orient, Paris (France). From: 02/11/2017 to: 03/11/2017.
4. Co-director of the organising committee of the international conference “*From the Caucasus to the Arabian Peninsula: Domestic Spaces in the Neolithic*” at the Collège de France, Paris (France). 80 participants of 11 nationalities. Publication of the proceedings in *Routes de l'Orient* (ISSN 2272-8120, with scientific peer-review). Funding: 7.400 euros. From: 15/10/2015 to: 16/10/2015.

PUBLICATIONS

Articles in peer-reviewed journals

1. Ibáñez-Estévez J.J., Anderson P.C., Arranz-Otaegui A., González-Urquijo J.E., Jörgensen Lindahl A., Mazzucco N., **PICHON F.**, Richter T., forthcoming (accepted). Sickle gloss texture analysis elucidates long-term change in plant harvesting during the transition to agriculture, *J. Archaeol. Sci.*
2. **PICHON F.**, Ibáñez J.J., forthcoming (accepted). Knapped tools for obtaining food resources in the Neolithic in the Near East. In: Vieugué, J., Mazzucco, N. (Eds), Collecting, storing, preparing and consuming foodstuffs: the diversity of dietary practices among the first farming societies of the Mediterranean. *Food & History* 17.
3. **PICHON F.**, Ibáñez J.J., Anderson P.C., Coqueugniot É., Douché C., 2021. Harvesting cereals at Dja'de el-Mughara in the northern Levant: New results through microtexture analysis of Early PPNB sickle gloss (11th millennium cal BP). *J. Archaeol. Sci. Rep.* doi.org/10.1016/j.jasrep.2021.102807
4. Giraud J., Baldi J., Bonilauri S., Mashkour M., Lemée M., **PICHON F. et al.**, 2019. Human occupation along the western flanks of Zagros during the late glacial and Holocene. Six years of archaeological investigations on the plains of Rania and Peshdar (Governorate of Soulaïmaniah-Kurdistan-Iraq). *Paléorient* 45/2: 85-119. halshs.archives-ouvertes.fr/hal-02610742/
5. **PICHON F.**, 2017. Exploitation of the cereals during the Pre-pottery Neolithic of Dja'de-el-Mughara: Preliminary results of the functional study of the glossy blades. *Quaternary International* 427: 138-151. doi.org/10.1016/j.quaint.2016.01.064

Articles in peer-reviewed conference proceedings

1. Coqueugniot É., **PICHON F.**, forthcoming. L'industrie lithique de Ras-Shamra-Ougarit au Bronze Récent : bilan, mise en contexte et nouvelles approches, 40 années d'études renouvelées. *RSO XXVIII, Ougarit, 90 ans.*
2. Crassard R., Sánchez-Priego J., **PICHON F.**, Abu-Azizeh W., Tarawneh M., forthcoming. Late PPNB lithic industries from the Ghassanian techno-complex: occupation sites related to the use of desert kites in Jibal al-Khashabiyeh, south-eastern Jordan. PPN9 Proceedings (Tokyo).
3. Abbès F., **PICHON F.**, forthcoming. Arrows and archery during the PPNB an experimental approach: points production and use. PPN9 Proceedings (Tokyo).

4. **PICHON F.**, 2019. Utilisation d'outils en silex pour l'exploitation alimentaire et artisanale des végétaux à Dja' de el-Mughara durant le PPNB ancien (Syrie, 9^{ème} millénaire). In: Astruc L., McCartney C., Briois F., Kassianidou L. (Eds.), *Near Eastern Lithic Technologies on the move. Interactions and Contexts in the Neolithic Traditions* 150. Nicosie: Astrom: 305-321.
5. Douché C., **PICHON F.**, 2018. Agricultural Strategies at Dja' de el-Mughara (Northern Syria). In: Douché, C., **PICHON F.**, (Eds.), *Routes de l'Orient, Actes I, From the Caucasus to the Arabian Peninsula: Domestic Spaces in the Neolithic*: 119-149.

Edition of conference peer-reviewed proceedings (open-access)

1. Douché C. and **PICHON F.** (Eds), 2018. *Routes de l'Orient, Actes I, From the Caucasus to the Arabian Peninsula: Domestic Spaces in the Neolithic*. ISSN 2272-8120.

Chapters in collective volume

1. **PICHON F.**, forthcoming. Silex. In: Margueron, J.-Cl., Muller, B. (Eds), *Recherches au pays d'Astata, Emar III, Le matériel*, Beirut: ORAL.

Online publication in institutional research blogs

1. Baldi J.S., Hourani F., **PICHON F.**, 2019. The LaPJob project team's first time in the field at Tell Abu Habil (Jordan), *ArchéOrient - Le Blog*, 5 juillet 2019, [En ligne] <https://archeorient.hypotheses.org/12353>
2. **PICHON F.**, Abbès F., 2019. L'archerie préhistorique au Proche-Orient. Fabrication expérimentale de flèches néolithiques. Blog de la Fondation Fyssen, actualités de la recherche [En ligne] <http://www.fondationfyssen.fr/fr/actualites/>
3. **PICHON F.**, Alarashi A., 2018. Sur les traces de savoir-faire anciens: la parure néolithique en pierre à l'épreuve de l'expérimentation, *ArchéOrient - Le Blog*, 20 avril 2018, [En ligne] <https://archeorient.hypotheses.org/8468>
4. **PICHON F.**, 2016. Une moisson expérimentale de céréales, Séranon (août 2016), *ArchéOrient - Le Blog*, 14 octobre 2016, [En ligne] <https://archeorient.hypotheses.org/6667>
5. **PICHON F.**, Kaçar S., 2016. Pressure makes diamonds: le stage de taille de silex à Jalès (mai 2016), *ArchéOrient - Le Blog*, 8 juillet 2016, [En ligne] <https://archeorient.hypotheses.org/640>
6. **PICHON F.**, Douché C., 2015. Du Caucase à l'Arabie: l'espace domestique au Néolithique, *ArchéOrient - Le Blog*, 6 novembre 2015, [En ligne] <https://archeorient.hypotheses.org/4938>

PRESENTATIONS IN INTERNATIONAL CONFERENCE

1. Ibáñez J.J., Mazzucco N., Anderson P.C., **PICHON F.**, Gibaja J.F., 2021. "Exploring the variability of cereal harvesting gloss using confocal microscopy". Rock and Roll: 13th International Symposium on Knappable Materials in Tarragona (Spain), 4th to 7th October 2021. Oral presentation.
2. Mazzucco N., Mineo. M., Arobba D., Caramiello R., Caruso L., Ibáñez J.J., Morandi L., Mozota M., **PICHON F.**, Portillo M., Rageot M., Remolins G., Rottoli M. Gibaja J.F., 2021. "In the hands of a Neolithic Farmer: A multiproxy approach to the wooden sickles from the lakeshore village of La Marmotta (Rome, Italy)". Rock and Roll: 13th International Symposium on Knappable Materials in Tarragona (Spain), 4th to 7th October 2021. Oral presentation.
3. Ibáñez J.J., Anderson P.C., Mazzucco N., **PICHON F.**, 2021. "Plant harvesting Variability during the Neolithic analyzed through texture analysis of sickle gloss". 27th Annual Meeting of the European Association of Archaeologists in Kiel (German), 6th to 11th September 2021. Oral presentation.
4. **PICHON F.**, Ibáñez J.J., 2021. "Farmer lifestyles in the north-eastern Iranian central plateau: new data through the functional analysis of harvesting tools from Tappeh Sang-e Chakhmaq (LPPNB-EPN)". Revisiting the Hilly Flanks: the Epipalaeolithic and Neolithic periods in the eastern Fertile Crescent in Copenhagen (Denmark), 21st to 25th June 2021. Oral presentation.
5. Abbès F., **PICHON F.**, 2019. "Arrows and archery during the PPNB, an experimental approach: points production and use". 9th international conference on the PPN Chipped Ground Stone Industries of the Near East in Tokyo (Japan), 12th to 16th November 2019. Oral presentation.
6. Crassard C., Sanchez-Priego J., Abu-Azizeh W., Tarawneh M., **PICHON F.**, 2019. "A Late PPNB lithic assemblage associated to kite hunters from Jibal al-Khashabiyeh, southeastern Jordan". 9th international conference on the PPN Chipped Ground Stone Industries of the Near East in Tokyo (Japan), 12th to 16th November 2019. Oral presentation.

7. **PICHON F.**, 2019. "Traces and function: the case of "ergot" blades and proximal notched blades, EPPNB, Dja'de el Mughara (Northern Levant)". 9th international conference on the PPN Chipped Ground Stone Industries of the Near East in Tokyo (Japan), 12th to 16th November 2019. Poster.
8. Coqueugniot É., **PICHON F.**, 2019. "The Late Bronze Age lithic industries of Ras Shamra-Ougarit: assesment, contextualization and new approaches — 40 years of renewed studies". International congress « Ougarit, 90 ans après » in Paris (France), 13rd to 16th November 2019. Oral presentation.
9. Ibáñez J. J., Gibaja J., Mazzucco N., **PICHON F.**, 2019. "Settlement patterns in the long term: Near Eastern origins of the European expansion mode". 1st conference of the Early Neolithic of Europe (ENE) in Barcelona (Spain), 6th to 9th November 2019. Oral presentation.
10. **PICHON F.**, 2018. "Usewear analysis of lithic tools from Dja'de-el-Mughara: Technical activities and cultural traditions during the Early PPNB in the Northern Levant". XVIIIth international congress of UISPP in Paris (France), 4th to 9th June 2018. Oral presentation.
11. **PICHON F.**, Ibáñez J.J., Anderson P., González-Urquijo J., Gibaja J.F., 2018. "Harvesting cereals at Dja'de el-Mughara (Syria, Early PPNB, 9th millenium): new results through microtexture analysis of sickle gloss". XVIIIth international congress of UISPP in Paris (France), 4th to 9th June 2018. Poster.
12. Alarashi H., **PICHON F.**, 2018. "Stone bead crafts in the Neolithic Near East: technological know-how and specialisation". AWRANA: Beyond usewear traces: on tools and people in Nice (France), 29th May to 1st June 2018. Oral presentation.
13. Ibáñez J.J., Anderson P., González-Urquijo J., Gibaja J.F., **PICHON F.**, 2016. "Investigating the Process of Cereal Domestication through Texture Analysis of Sickle Gloss". 8th international conference on the PPN Chipped Ground Stone Industries of the Near East in Nicosia (Cyprus), 23rd to 26th November 2016. Oral presentation.
14. Douché C., **PICHON F.**, Coqueugniot É., Tengberg M., 2015. "Agricultural Strategies at Dja'de el-Mughara (Northern Syria)". International conference From the Caucasus to the Arabian Peninsula: Domestic Spaces in the Neolithic in Paris (France), 16th to 17th October 2015. Oral presentation.
15. **PICHON F.**, 2014. "Exploitation of the Plant Environment during the Preceramic Neolithic of Dja'de: preliminary results of the functional study of the glossy blades". XVIIth international congress of UISPP in Burgos (Spain), 1st to 7th September 2014. Poster.

SCIENTIFIC REPORTS

1. **PICHON F.**, 2019. La fouille de l'Unité 3. In Abu-Azizeh W. (dir.), *Mission Archéologique du Sud-Est Jordanien - Rapport d'activité de la campagne de Juillet 2019*: 22-23.
2. **PICHON F.**, 2019. Étude tracéologique: résultats préliminaires. In Abu-Azizeh W. (dir.), *Mission Archéologique du Sud-Est Jordanien - Rapport d'activité de la campagne de Juillet 2019*: 49-56.
3. **PICHON F.**, 2019. Outillages lithiques : approche tracéologique des outils à encoches. In Coqueugniot É. (dir.), *Fouille néolithique de Dja'de el Mughara (Syrie), Rapport scientifique 2019*.
4. **PICHON F.**, 2019. Lithic: preliminary observations on the lithic materials. In: Baldi J.S. and Hourani F. (dirs.), *LaPJob (Late Prehistoric Jordan Valley) Project. Preliminary Report of the 2019 archaeological expedition at Tell Abu Habil, Rapport scientifique 2019*: 10.
5. **PICHON F.**, Cayol N., 2019. Moisson et traces d'utilisation. In Salavert A. and Toulemonde F. (dir.), *Expérimentation d'agriculture néolithique, Archéosite de la Haute-île. Rapport d'activité, 2017-2018*: 32-40.
6. **PICHON F.**, 2018. Étude tracéologique et analyse de résidus du mobilier lithique. In Abu-Azizeh W. (dir.), *Mission Archéologique du Sud-Est Jordanien - Rapport d'activité de la campagne de Juillet 2018*: 50-51.
7. **PICHON F.**, 2018. Halawezha/Bijian, Site n°187, L'industrie lithique. In Giraud J. et al., *MAFGS, Dynamiques territoriales en Mésopotamie du nord, du Paléolithique à l'époque moderne. Rapport 2018*: 33-34.
8. **PICHON F.**, 2018. Dargrdal, Site n°266, L'industrie lithique. In J. Giraud et al., *MAFGS Dynamiques territoriales en Mésopotamie du nord, du Paléolithique à l'époque moderne. Rapport 2018*: 55-56.
9. **PICHON F.**, 2018. Outillages lithiques : approche tracéologique. In Coqueugniot É. (dir.), *Fouille néolithique de Dja'de el Mughara (Syrie), Rapport scientifique 2018*: 10-18.

10. Douché C., **PICHON F.**, 2017. Stratégies agricoles à Dja'de el Mughara durant le Néolithique précéramique : résultats préliminaires d'une étude interdisciplinaire". In Coqueugniot É. (dir.), *Fouille néolithique de Dja'de el Mughara (Syria), Rapport scientifique 2017*: 9-10.
11. Douché C., **PICHON F.**, 2016. Stratégies agricoles à Dja'de el Mughara durant le Néolithique précéramique : résultats préliminaires d'une étude interdisciplinaire". In Coqueugniot É. (dir.), *Fouille néolithique de Dja'de el Mughara (Syria), Rapport scientifique 2016*: 7-25.
12. **PICHON F.**, 2015. Le travail des matières végétales à Dja'de : la récolte des céréales à travers l'analyse d'un échantillon de lames lustrées. In Coqueugniot É. (dir.), *Fouille néolithique de Dja'de el Mughara (Syrie), Rapport scientifique 2015*: 13-27.
13. **PICHON F.**, 2014. Exploitation of the plant environment during the Preceamic Neolithic at Dja'de: preliminary results of the functional analysis of the lustrous slides. In: Coqueugniot É. (dir.), *Fouille néolithique de Dja'de el Mughara (Syrie), Rapport scientifique 2014*: 8-21.
14. *Gadachrili Gora: A Neolithic Site in the Kura Valley (Georgia), Report of Archaeological Operations 2013*, Hamon C. and Jalabadze M. (eds.), 2014, with contributions from Agapishvili T., Baudouin E., Broux G., Decaix A., Fontugne M., Messenger E., **PICHON F.**, Ollivier V.
15. Delmotte J., **PICHON F.**, Qaraman V., 2010. La fouille dans le secteur F. In: Coqueugniot É. (dir.), *Fouille néolithique de Dja'de el Mughara (Syrie), Rapport scientifique 2010*: 9-15.

ASSOCIATIVE RESPONSABILITIES

- 2012** **Forming of the inter-university association Routes de l'Orient.** Co-head of the secretariat.
- 2014-2017** **Co-responsible for the editorial tasks of the association Routes of the Orient.** Publication of the journal Routes of the Orient (ISSN2272-8120); communication with the authors and the scientific committee.

PUBLIC OUTREACH ACTIVITIES AND DISSEMINATION

Mediation resources production

- 2021-2023** **Realisation of a graphic novel about Neolithic archaeology topic** in collaboration with the plastician graphist T. Pichon, with the MSCA-ObsTrade project support.
- 2020** **Realisation of a cartoon about Neolithic archaeology topic** in collaboration with the French Association Past and curious, (season 2): *Neolithic agriculture under the microscope*. Subtitles in Arabic, Croatian, English, Greek, Italian, Japanese, Persian, Spanish, Turkish.
http://www.youtube.com/watch?v=eqt_CcFSzIA.
- 2019/02/2019** **Interview for the Radio broadcast RFI Les voix du Monde.** Theme: *How to get inside the head of our ancestors?*
m.rfi.fr/emission/20190225-comment-rentre-tete-nos-ancetres.
- 2014** **Pedagogical Project TRACEOLOGY** in collaboration with the French designer C. Mestrude : *Construction of a workshop for 8–10-year-olds on use-wear analysis methods*.
mestrudechloe.fr/3-traceo.html.
- 2014** **Participation in the documentary 'Sur nos traces', Arte TV** (TSVP and MSVP productions), in collaboration with P. Anderson (UMR 7264-CEPAM, CNRS) : *In Neolithic times, Episode 1, The first farmer*.

Science festival participation

- 07/10/2020** **Science Festival (6h)** in Lyon (France). Workshops for schoolchildren (6h) by using the free open-access platform GRAASP, in collaboration with the French Association Past and Curious, the University of Lyon 2 and the ENS: *The use of new communication media in cultural mediation: the example of archaeology*.

Cultural mediation

- 09/11/2019** **Lecturer** for the Cultural Heritage of Seine-Saint-Denis Department Council (France): *Traceological expertise on Neolithic agriculture*.

- 23/05/2017** **Cultural animator** for scholars with the Association Routes de l'Orient, the Centre Paris Anim' Solidarité Angèle Mercier and the Education League (Paris, France): *Plant domestication and biodiversity protection*.
- 2015-2016** **Cultural animator** on the Sybelle Elementary School (Paris, France) with the Association Routes de l'Orient and the financial support of the Direction des Affaires Scolaires de la Ville de Paris. Innovative and multidisciplinary workshops for children: *Discovery of the archaeology on the Near East*.