



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 5846

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Studi Storici dell'Università degli Studi di Milano**

Scientist- in - charge: **Prof. Giulia Giannini**

Angela Axworthy

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Axworthy
Name	Angela

PRESENT OCCUPATION

Appointment	Structure
Visiting research fellow	Max Planck Institute for the History of Science (MPIWG), Dept. I

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Philosophy	Université François-Rabelais, Tours (France)	2001/2002
Specialization			
PhD	Philosophy	CESR-Université François-Rabelais, Tours (France)	2010/2011
Master	Master Recherche "Genèse de l'Europe Moderne", Mention "Renaissance"	CESR-Université François-Rabelais, Tours (France)	2004/2005
Degree of medical specialization			
Degree of European specialization			



Other	Maîtrise “Civilisation de la Renaissance” Pluridisciplinaire	CESR-Université François-Rabelais, Tours (France)	2003/2004
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FOREIGN LANGUAGES

Languages	level of knowledge
English	Native speaker
French	Native speaker
German	Fluent
Italian	Highly proficient (written comprehension) Good working knowledge (oral and written expression)
Spanish	Good working knowledge (written comprehension)
Swedish	Beginner
Latin	Very good command
Ancient Greek	Basic working knowledge

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
01/08/2021-31/07/2023	Gerda Henkel Stiftung research fellowship.
01/01/2017-31/12/2018	Postdoctoral fellowship of the Technical University Berlin (TUB, Department of History of Science) – Berlin Center for the History of Knowledge.
01/01/2015-31/12/2016	Postdoctoral fellowship of the Max Planck Institute for the History of Science (MPIWG), Berlin (Department I).
01/06/2013-31/08/2014	Postdoctoral fellowship of the MPIWG, Berlin (Independent Research Group: Modern Geometry and the Concept of Space).
01/09/2012-31/05/2013	“Fernand Braudel - IFER outgoing” fellowship from the “Fondation Maison des sciences de l’homme” (Paris). Hosting: MPIWG, Berlin (Independent Research Group: Modern Geometry and the Concept of Space).
2012-2016	Qualification by the C.N.U. (French national council of universities) to teach as a lecturer in philosophy and history of science (sections 17 and 25, philosophy and history of science)
2012	Doctoral dissertation prize of the Société Française d’Histoire des Sciences et Techniques (SFHST).
2005-2008	Doctoral Scholarship (“allocation de recherche”) of the French ministry of Research and Higher education.
2006	Student bursary to participate to a specialization course (<i>Scuola estiva di specializzazione</i>) on Renaissance technical drawing. Biblioteca leonardiana, Vinci, Italy.



2006	Student bursary granted by the History of Science Society to attend the conference on <i>The Worlds of Oronce Fine: Mathematics, Instruments, and the Book in Renaissance France</i> organized by Alexander Marr and the School of Art History of the University of Saint Andrews (12-14 May).
2005	"Maîtrise" dissertation prize of the SFHST.

TRAINING OR RESEARCH ACTIVITY

<p>Research activity</p> <p>10/2002 – 08/2004, Tours, CESR: Research conducted in the framework of a “Maîtrise” dissertation on the status of mathematics in the prefaces to Euclid’s <i>Elements</i> of Niccolò Tartaglia (c. 1500-1557) and Christophe Clavius (1538-1612).</p> <p>10/2004 – 06/2005, Tours, CESR: Research conducted in the framework of a Master’s dissertation on the status of mathematics in the preface to Euclid’s <i>Elements</i> of Federico Commandino (c. 1509 – 1575).</p> <p>10/2005 – 09/2012, Tours, CESR: Research conducted in the framework of a PhD dissertation on the status of mathematics according to the mathematical work of Oronce Fine (1494-1555).</p> <p>09/2012 – 08/2014, Berlin, MPIWG: Postdoctoral research on the ontological status of geometrical objects in the commentary on the <i>Elements</i> of Euclid of Jacques Peletier du Mans (1517-1582).</p> <p>01/2015 – 12/2016, Berlin, MPIWG: Postdoctoral research on the commentaries on Sacrobosco’s <i>De Sphaera</i> of Prosdodimo de’ Beldomandi (1370/80 – 1428) and Bartolomeo Vespucci (1479 – 1527).</p> <p>01/2017 – 12/2018, Berlin, MPIWG: Postdoctoral research on the status of practical geometry in the sixteenth century.</p> <p>01/2019 – 07/2021, Berlin, MPIWG: Independent research on the reception of Sacrobosco’s <i>De sphaera</i> in fifteenth- and sixteenth-century Padua and on the status and uses of motion in sixteenth-century commentaries on Euclid’s <i>Elements</i>.</p> <p>08/2021 – 07/2023, Berlin, MPIWG: Postdoctoral research on the practical treatment of Euclidean geometry in the sixteenth-century editions, translations and commentaries on Euclid’s <i>Elements</i>.</p>
<p>Teaching activity</p> <p>01/2016, Berlin, Bard College, Liberal Arts course on “Early Modern Science”: Teaching lecture on <i>Francis Bacon’s New Atlantis</i>.</p> <p>04/2017 – 07/2017, Berlin, Technische Universität: Hauptseminar (MA students seminar) on the status of mathematics from Antiquity to the Renaissance (course design and teaching).</p> <p>04/2018 – 07/2018, Berlin, Technische Universität: Hauptseminar (MA students seminar) on practical mathematics in early modern Europe (course design and teaching).</p>
<p>Tutoring/Training</p> <p>Spring 2010, Tours, CESR: Preparation of the CESR candidates for the national doctoral scholarship competition.</p>

PROJECT ACTIVITY

Year	Project
01/08/2021-	<i>Making Euclid practical: The impact of practical geometry on the Euclidean tradition in the</i>



31/07/2023	<i>sixteenth century</i> . Gerda Henkel Stiftung (funding) – MPIWG (hosting).
01/01/2017-31/12/2018	<i>The status of practical geometry and its relations to theoretical and applied geometrical knowledge in sixteenth-century treatises of practical geometry</i> . Technical University Berlin (funding and hosting).
01/01/2015-31/12/2016	<i>The 1531 Edition of the Commentaries on Sacrobosco's Tractatus de Sphaera of Prosdocimo de' Beldomandi and Bartolomeo Vespucci</i> . MPIWG (funding and hosting) – University of Oklahoma (hosting).
01/06/2013-31/08/2014	<i>The ontological status of geometrical objects in the commentary on the Elements of Euclid of Jacques Peletier du Mans (1517-1582)</i> . MPIWG (funding and hosting).
01/09/2012-31/05/2013	<i>The ontological status of geometrical objects in the commentary on the Elements of Euclid of Jacques Peletier du Mans (1517-1582)</i> . Fondation Maison des sciences de l'homme (funding) – MPIWG (hosting).

CONGRESSES AND SEMINARS

Date	Title	Place
06/2023	The Transformation of Euclidean Geometry in the Universities of Sixteenth-century Tübingen and Heidelberg: The Practical Treatment of the <i>Elements</i> by Johannes Scheubel (1494-1570) and Wilhelm Xylander (1532-1576)	Prague, <i>Scientiae</i> conference
04/2023	Practical translations, adaptations and interpretations of Euclid's propositions in the sixteenth-century tradition of the <i>Elements</i>	Bordeaux, Congress of the SFHST
03/2023	Theoretical and practical geometry in Élie Vinet's commentary on Euclid's <i>Elements</i> (1575) and in his <i>L'Arpenterie</i> (1577)	Paris, SPHère-CNRS (UMR 7219), seminar <i>Mathématiques de l'Antiquité à l'âge classique</i>
09/2022	The point and the continuum in the sixteenth-century Euclidean tradition	University of Notre Dame, online, Workshop <i>Thomas Harriot's De infinitis</i>
09/2022	Making Euclid practical in the 16th Century	Brussels, Conference of the ESHS
06/2022	The practical treatment of Euclid's <i>Elements</i> in the sixteenth century: from Niccolò Tartaglia to Christoph Clavius	Paris, SPHère-CNRS (UMR 7219), seminar <i>Mathématiques de l'Antiquité à l'âge classique</i>
05/2022	Practical approaches to Euclidean geometry in the 16th century	Princeton-Bucharest Early Modern Virtual Seminar
03/2022	Practical Geometry and the <i>Elements</i> of Euclid in the Sixteenth Century	Dublin, Renaissance Society of America 2022 conference
06/2021	Readers of Classics. Sixteenth-century commentators of Euclid's <i>Elements</i>	Oberwolfach, Mathematisches Forschungsinstitut Oberwolfach, Workshop <i>Mathematics and its Ancient Classics Worldwide: Translations, Appropriations, Reconstructions, Roles</i>
11/2020	The transformation of Euclidean geometry in early modern European practical geometry	Berlin, Novembertagung on the History and Philosophy of Mathematics (online)
09/2020	Geometrical models of the universe in the fifteenth century: the case of Prosdocimo de'	Bologna, Conference of the ESHS



	Beldomandi	
01/2020	Unity and diversity of practical geometry in sixteenth-century France	Oxford, All Souls College, Seminar <i>The History of the Exact Sciences</i> organised by Benjamin Wardhaugh
11/2019	Sixteenth century French practical geometry treatises	Frankfurt am-Main, Goethe University, Workshop on early modern geometry treatises
08/2019	The Geometrisation of the Heavens in Pre- and Early Modern Europe	Berlin, MPIWG - HU - FU, Workshop <i>Exceeding Nature</i> , Summer School <i>Structuring Nature. An Interdisciplinary and Intercultural Summer School on Premodern Science and Philosophy</i>
10/2018	The transformation of Euclid's <i>Elements</i> in sixteenth-century treatises of practical geometry	Berlin, MPIWG, Workshop <i>Euclid on the Road. Cross-cultural transmission, translation and transformation of the Elements</i>
09/2018	Paper instruments and Euclidean geometry in the sixteenth century	London, Conference of the ESHS
07/2018	Practical geometry in sixteenth-century France	Wuppertal, University of Wuppertal, Oberseminar in History of mathematics
02/2018	Oronce Fine: from the edition of Sacrobosco's <i>Sphaera</i> (1516) to the <i>Cosmographia, sive sphaera mundi</i> (1532)	Berlin, MPIWG, Workshop on <i>The Authors of the Early Modern Commentaries on De sphaera</i>
05/2017	Practical geometry in sixteenth-century France	Berlin, Technische Universität Berlin, research colloquium of the History of Science department
04/2017	Jacques Peletier du Mans's conception of practical geometry in the <i>De usu geometriae</i> (1572) and <i>De l'usage de geometrie</i> (1573)	York, British Society of History of Mathematics, Workshop <i>Beyond the Academy. The Practice of Mathematics from the Renaissance to the Nineteenth Century</i>
03/2017	The ontological status of geometrical objects in the commentary on the <i>Elements</i> of Euclid of Jacques Peletier du Mans (1517-1582)	Ghent, University of Ghent - Sarton Centre for History of Science, Seminar <i>Concepts and methods in philosophy and history of science</i>
12/2016	Oronce Fine's project for the revival of mathematics in sixteenth-century Paris	Oxford, All Souls College, Workshop <i>Teaching mathematics in the early modern world</i>
11/2016	La forme, le contenu et la finalité de la géométrie pratique d'Oronce Fine	Lille, University of Lille I, History of mathematics seminar
09/2016	Conceptions of motion in geometrical definitions according to sixteenth-century commentators of Euclid	London, Birkbeck College, <i>Harriot seminar</i>
06/2016	Mathematical teaching from the Faculty of Arts to the Institution of the Royal Lecturers in early sixteenth-century France	Edmonton (Alberta), Three Societies Conference
05/2016	Prosdocimo de' Beldomandi and Bartolomeo Vespucci on the geometrical definitions of the sphere in Sacrobosco's <i>Sphaera</i>	Norman, University of Oklahoma, lunch talk of the History of Science Department
12/2015	The uses and rejection of starless mobile spheres above the Firmament in sixteenth century cosmology	Berlin, Technische Universität, Matteo Valleriani's Hauptseminar on Late medieval geocentric cosmology
11/2015	The geometrical definition of the sphere in	Berlin, MPIWG, Department I, Research



	Sacrobosco's <i>Sphaera</i> according to Prosdocimo de' Beldomandi (1370/80-1428) and Bartolomeo Vespucci (1479-1527)	seminar on the transformations of cosmology
09/2015	Jacques Peletier du Mans (1517-1582) and Christoph Clavius (1538-1612) on the superposition of geometrical figures: a sixteenth-century debate on the ontological and epistemological status of geometrical objects and procedures	Berlin, Humboldt-Universität, Lunch talk of the interdisciplinary laboratory <i>Bild Wissen Gestaltung</i>
07/2015	The Euclidean Definition of the Sphere in the Middle Ages and in the Renaissance: from the commentaries on Sacrobosco's Sphere to the commentaries on Euclid's <i>Elements</i>	Berlin, MPIWG, Independent research group <i>Modern geometry and the concept of space</i> , Workshop <i>Geometry and Space in the Early Modern Age</i>
03/2015	La forme des traités de mathématiques pratiques d'Oronce Fine	Bordeaux, Université Bordeaux-Montaigne, Seminar <i>Formes du savoir</i>
07/2014	The epistemological and ontological background of the debate on superposition between Jacques Peletier du Mans (1517-1582) and Christophorus Clavius (1538-1612)	Ghent, HOPOS conference
06/2014	Sixteenth-century Interpretations of the Nature and Use of Motion in Geometry	Berlin, MPIWG, Independent research group <i>Modern geometry and the concept of space</i> , conference <i>The Mechanization of Geometry. From Antiquity to the Modern Age</i>
04/2014	The notion of flow of the point as a principle of generation of the line in the Renaissance Euclidean tradition	Limoges, history of science seminar of the IREM of Limoges
03/2014	Renaissance interpretations of the geometrical notion of rhusis	Berlin, MPIWG, colloquium of the independent research group <i>Modern geometry and the concept of space</i>
07/2013	The Purpose, Modalities and Limits of the Admission of Movement in the Definition and Study of Geometrical Objects in the Sixteenth-century Euclidean Tradition: Oronce Fine (1494-1555), Jacques Peletier du Mans (1517-1582) and Christoph Clavius (1538-1611)	Berlin, MPIWG, colloquium of the independent research group <i>Modern geometry and the concept of space</i>
01/2013	Le statut des objets géométriques dans le commentaire des <i>Éléments</i> d'Euclide de Jacques Peletier du Mans (1557)	Paris, SPHere-CNRS, Seminar <i>Mathématiques à la Renaissance</i>
12/2012	Quelques interprétations renaissantes de l' <i>In Euclidem</i> de Proclus: d'Oronce Fine à Christoph Clavius	Paris, "Neoplatonic workshop", Collège International de Philosophie
03/2012	Le statut épistémologique de la géométrie selon Charles de Bovelles	Tours, CESR, conference <i>Charles de Bovelles: philosophe et pédagogue</i>
05/2011	L'influence de Proclus sur la conception du statut de la géométrie d'Oronce Fine	Nantes, Congress of the SFHST
12/2010	La démonstration de l'utilité des mathématiques dans le cadre des préfaces et des prologues d'Oronce Fine	Tours, CESR, conference <i>Ce que disent les auteurs de la Renaissance sur les mathématiques et leurs applications</i>
09/2008	La reprise et la réception du discours de	Paris, Congress of the SFHST



	Proclus sur les mathématiques chez Federico Commandino et Christophe Clavius	
05/2007	L'utilité des mathématiques selon Oronce Fine	Tours, CESR, Graduate seminar
04/2004	L'influence de Proclus sur Clavius concernant la question de l'utilité des mathématiques	Tours, CESR, Graduate seminar

PUBLICATIONS

Books
<i>Motion and Genetic Definitions in the Sixteenth-century Euclidean Tradition</i> . Cham: Birkhäuser, Frontiers in the History of Science, 2022, https://link.springer.com/book/10.1007/978-3-030-95817-6 .
<i>Le Mathématicien renaissant et son savoir. Le statut des mathématiques selon Oronce Fine</i> . Paris: Classiques Garnier, 2016.

Articles in reviews
The Hybridization of Practical and Theoretical Geometry in the Sixteenth-Century Euclidean Tradition", <i>The Journal of Interdisciplinary History of Ideas</i> 11/22 (2022), 4: p. 1-104. https://doi.org/10.13135/2280-8574/7333 .
The debate between Peletier and Clavius on superposition", <i>Historia mathematica</i> 45/1 (2018), p. 1-38, https://doi.org/10.1016/j.hm.2017.09.004 .

Congress proceedings
Le statut épistémologique de la géométrie d'après l' <i>Introductio in Geometriam</i> de Charles de Bovelles", in Emmanuel Faye and Anne-Hélène Klinger-Dollé (eds.), <i>Charles de Bovelles, Philosophe et Pédagogue</i> , p. 101-119. Paris: Beauchesne, 2021.
Oronce Fine and Sacrobosco: From the Edition of the <i>Tractatus de sphaera</i> (1516) to the <i>Cosmographia</i> (1532)", in Matteo Valleriani (ed.), <i>De sphaera of Johannes de Sacrobosco in the Early Modern Period</i> , p. 185-264. Cham: Springer Nature, 2020. (Open Access: https://link.springer.com/chapter/10.1007/978-3-030-30833-9_8#aboutcontent)
La notion géométrique de flux du point à la Renaissance et dans le commentaire des <i>Éléments</i> de Jacques Peletier du Mans", in Christophe Grellard (ed.), <i>Miroir de l'amitié. Mélanges offerts à Joël Biard à l'occasion de ses 65 ans</i> , p. 453-464. Paris: Vrin, 2017.
The Epistemological Foundations of the Propaedeutic Status of Mathematics according to the Epistolary and Prefatory Writings of Oronce Fine, in Alexander Marr (ed.), <i>The Worlds of Oronce Fine: Mathematics, Instruments and Print in Renaissance France</i> , p. 31-51. Donington: Shaun Tyas, 2009.

OTHER INFORMATION

Further publications (Working papers)
The ontological status of geometrical objects in the commentary on the <i>Elements</i> of Euclid of Jacques



Peletier du Mans (1517-1582)", Working Paper of the FMSH, August 2013 (Open access: https://shs.hal.science/halshs-00855348).
Further publications (Book reviews)
Eleanor Chan, <i>Mathematics and the Craft of Thought in the Anglo-Dutch Renaissance</i> , New York, Routledge, coll. <i>Studies in Renaissance and Early Modern Worlds of Knowledge</i> , 2022, 240 p., ill., <i>Revue de Synthèse</i> 143/3-4 (2022), p. 529-533.
Shin Higashi, <i>Penser les mathématiques au xvie siècle</i> (Paris: Classiques Garnier, 2018), 15 × 22 cm, 489 p., bibliogr., index nominum, index rerum, table, coll. <i>Histoire et philosophie des sciences</i> , <i>Revue d'Histoire des Sciences</i> 74, 2021/2 (2021), p. 478–479.
Richard J. Oosterhoff, <i>Making mathematical culture: University and print in the circle of Lefèvre d'Étaples</i> , Oxford, Oxford University Press, 2018, xiv + 276 pp. ISBN: 9780198823520", <i>Centaurus</i> 62/1 (2020), p. 211-213.
Early modern conceptions and treatments of space and spatiality (review of: Koen Vermeir and Jonathan Regier (eds.), <i>Boundaries, extents and circulations: Space and spatiality in early modern natural philosophy</i> , Dordrecht, Springer, 2016), <i>Metascience</i> 27 (2018), p. 309–312.
Early Modern Cosmological Debates (review of: Miguel Á. Granada, Patrick J. Boner and Dario Tessicini (eds.), <i>Unifying Heaven and Earth: Essays in the History of Early Modern Cosmology</i> , Edicions de la Universitat de Barcelona, Barcelona, 2016), <i>Journal for the History of Astronomy</i> , 48/4 (2017), p. 489-491.
Conference and seminar organisation
Since June 2023: Coorganisation of the monthly seminar <i>Mathématiques de l'Antiquité à l'Age classique</i> , with Sandra Bella, Pascal Crozet, Vincenzo De Risi, for the CNRS laboratory SPHERE – Université Paris Cité (UMR 7219), Paris and the Archives Poincaré, Nancy.
May 30, 2018: Masterclass (lecture and seminar) with Filippo Camerota (Museo Galileo, Florence): "The Intrinsic Place. Space as a Measurable Entity in Early Modern Art and Science", MPIWG, Berlin, co-organised with Elizabeth Merrill in the framework of the Berlin Center for the History of Knowledge.
May 19, 2014: <i>Geometrical, Astronomical and Geographical Notions of Space in the Renaissance</i> , workshop organised for Vincenzo De Risi's Independent research group "Modern geometry and the concept of space", MPIWG, Berlin.

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: Berlin, 31.08.2023