

## Stamatina Mastorakou

Research Scholar/Working Group Leader, Max Planck Institute for the History of Science



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### Education

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**PhD** / Centre for the History of Science, Technology and Medicine, Imperial College, University of London, 2008

**MA** (with distinction) / Department of History and Philosophy of Science, National and Kapodistrian University of Athens, 2001–2003

**BA** / Department of History and Philosophy of Science, National and Kapodistrian University of Athens, 1995–2001

### Academic Positions

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**Working Group Leader** / Department Artifacts, Action, Knowledge (Director: Dagmar Schäfer), Max Planck Institute for the History of Science, 2022–Present

Working Group: “Visualization and Material Cultures of the Heavens in Eurasia and North Africa (4000 BCE–1700 CE)”

**Research Scholar** / Department Artifacts, Action, Knowledge (Director: Dagmar Schäfer), Max Planck Institute for the History of Science, 2021–2022

**Research Scholar and Lecturer** / History Department, University of Zurich, 2019–2021

**Lecturer** / History Department, University of Zurich, 2016–2019

**Lecturer** / Centre of Knowledge, ETH Zurich, 2016–2019

**Research Fellow** / Institute for Research in Classical Philosophy and Science, Princeton, 2008–2016 (including maternity leave periods)

**Adjunct Assistant Professor** / Montclair State University, New Jersey, 2009–2013

**Adjunct Assistant Professor** / The College of New Jersey, 2008–2009

**Visiting Scholar** / Classics Department, New York University, 2007–2008

**Teaching Assistant** / Imperial College, University of London, 2004–2007

## Publications

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### Books

Stamatina Mastorakou, *The Popularization of Astronomical Knowledge in Antiquity: Shaping celestial imagery through poetry, art and politics*. (book in preparation).

Stamatina Mastorakou, *Hellenistic Astronomy: Aratus' Phaenomena (Ελληνιστική Αστρονομία: τα Φαινόμενα του Άρατου)*, Crete University Press, (accepted 2024).

Rana Brentjes, Sonja Brentjes, Stamatina Mastorakou (eds.), *Imagining the Heavens across Eurasia from Antiquity to Early Modernity*, Mimesis (accepted 2024).

Stamatina Mastorakou, *Living Language: Greek*, Random House, 2013.

### Peer-Reviewed Papers and Chapters

Stamatina Mastorakou, "Aratus and his Phaenomena through Material Culture". In R. Hunter, K. ni Mheallaigh, J. Lightfoot (eds.), *Aratus and Aratean Reception*, De Gruyter (in preparation).

Stamatina Mastorakou, "The Zodiac in poetry and material culture in Hellenistic times". In M. Ossendrijver, A. Winkler, *Imagining the Sky. The Zodiac and Related Astral Imagery in the Ancient World* (under review).

Stamatina Mastorakou, "Visualization of Astronomical Knowledge in Hellenistic Times: Aratus, Urania and the Celestial Globe". In R. Brentjes, S. Brentjes, S. Mastorakou (eds.), *Imagining the Heavens across Eurasia from Antiquity to Early Modernity*, Mimesis (accepted 2024).

Stamatina Mastorakou, "Antike Globen in Larissa", *Der Globusfreund. Wissenschaftliche Zeitschrift für Globenkunde* 68 (2023) 117-128 // Stamatina Mastorakou, "Ancient Globes of Larissa", *Globe Studies. The Journal of the International Coronelli Society* 68 (2023).

Stamatina Mastorakou, "Aratus' Phaenomena beyond its sources", *Aestimatio*, 2020, 1: 55-70.

Stamatina Mastorakou, "Aratus and the Popularization of Hellenistic Astronomy". In *Ancient Astronomy in Its Mediterranean Contexts (300 BC – 300 AD)*, A.C. Bowen and F. Rochberg (eds.), Brill, 2020, 383-397.

Stamatina Mastorakou, "Greek Constellations". In C. Ruggles (ed.), *Handbook of Archaeoastronomy and Ethnoastronomy*, Springer, 2014, 1549-1554.

## Reviews

Stamatina Mastorakou, Review of E. Dekker, *Illustrating the Phaenomena*, *Aestimatio* 11, 2014, 115-120.

Stamatina Mastorakou, Review of Mary Jaeger, *Archimedes and the Roman Imagination*, *Aestimatio* 5, 2008, 200-204.

Stamatina Mastorakou, Review of J.T. Ramsey, *A Descriptive Catalogue of Greco-Roman Comets from 500 B.C. to A.D. 400*, *Classical Review* 58, 2008, 522-524.

Stamatina Mastorakou, Review of J.L. Berggren, R.S.D. Thomas, *Euclid's Phaenomena: A Translation and Study of a Hellenistic Treatise in Spherical Astronomy*, *Isis* 98, 2006, 821-822.

Stamatina Mastorakou, Review of V. Kalfas, *Philosophy and Science in Ancient Greece*, *Cogito* 4, 2006, 120-121.

## Selected Recent Presentations

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"The Antigonid Tomb at Pella and Its Mural", *Astral imagery in tombs in Eurasia and North Africa from the later first millennium BCE to the early second millennium CE*, MPIWG, Berlin, November 2023

"Cut-off figures on ancient celestial globes", *The 15<sup>th</sup> International Symposium for the Study of Globes*, Berlin, September 2023

"Cross-cultural astral texts and images in Central and East Asia", *The 16<sup>th</sup> International Conference on the History of Science in East Asia*, Frankfurt (**organized panel**), August 2023

"In search of the other half: Cut-off figures in Hellenistic constellations", *Star Lore from Babylonia to Brahe*, Michigan State University, USA (**invited**), May 2003

“Ancient visualizations and material Culture of Astral Knowledge”, *History of Science Meeting, HSSuisse, Eikones, Basel*, May 2003

“The zodiac in poetry and material culture in Hellenistic times”, *Imagining the Sky: The Zodiac and Related Astral Imagery in the Ancient World*, Freie Universität, Berlin, September 2022

Talk and Round Table: “Ancient Science: Challenges and Prospects”, Academy of Plato, Athens, Greece (**invited**), July 2022

“Image Database: Visualization and Material Cultures of the Heavens in Eurasia and North Africa (4000 BCE – 1700 CE)”, *The 57th International Congress on Medieval Studies*, Western Michigan University, USA (**invited**), May 2022

“Hellenistic Astronomy: texts and images”, *Hellenic Open University, Greece* (**invited lecture**), December 2021

“Material culture and Ancient Greek Astronomy”, *The Aratean tradition*, University of Cambridge (**invited**), December 2021

“Diagrams and Visualization of Knowledge in Antiquity”, *Diagram Diversity in the Light of Digital Humanities Types and Ambiguous Cases*, Diagramming Scientific Knowledge – Daejeon, Seoul; Visualization and Material Cultures of the Heavens (VoH) – MPIWG, Berlin; DISHAS / diagrams – Paris (**invited**), November 2021

“The Aratea through images in the Middle Ages” & “How to explore historical questions using ancient astral images”, *Summer Workshops*, MPIWG, Berlin, July 2021

“The Hellenistic Constellations through words and images”, *26th International Congress of History of Science and Technology (ICHST)*, July 2021

“Aratus’ Phaenomena and its reception in Late Antiquity”, Department of History and Philosophy of Science, University of Athens, Greece (**invited lecture**), June 2021

“Aratus’ Phaenomena beyond its sources”, *11<sup>th</sup> London Ancient Science Conference*, University College London, February 2021

## Organized Workshops and Conferences

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**International Conference:** “Tombs and Astral Knowledge from Egypt to China (1000 BCE – 1000 CE)”, MPIWG, Berlin

Organizers: Stamatina Mastorakou, Rana Brentjes, Jeffrey Kotyk

November 2023

**International Conference:** “Space in Time: from the Heavens to outer Space”, Warburg Institute, London

Organizers: Vladimir Brljak, John Tresch, Veronica della Dora, Stamatina Mastorakou

October 2023

**Workshop:** “Visualizations of the Heavens—The Database as a Research Tool”, MPWIG, Berlin

Organizers: Rana Brentjes, Stamatina Mastorakou

October 2022

**Summer Workshops:** “Expansion of the VoH Database”, MPWIG, Berlin

Organizers: Sonja Brentjes, Rana Brentjes, Anna Jerratsch, Stamatina Mastorakou

July 2021

## Courses designed, coordinated and taught for BA, MA, and PhD students

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History of Ancient Science

History of Ancient Medicine

Cosmos in the Ancient World

History of Astronomy in Late Antiquity

Ancient Greek Civilization

Ancient Greek History

Roman Empire

Latin

Greek

Classical Mythology

Ancient Theories of Vision and Colour Theories

Ancient Meteorology

History of Science and Technology in Western Civilization until the 18<sup>th</sup> century

History of Astronomy from Plato to Kepler

Scientific Revolution

Supervision: BA theses on the History of Ancient Medicine, on the History of Ancient Astronomy, on the reception of Hellenistic Astronomical Works in Late Antiquity

## Languages

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Modern Greek: mother tongue

English: C2

French: B1

German: A2

Ancient Greek

Latin

## Editorial Experience

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Book Review Editor / *Aestimatio: Sources and Studies in the History of Science*

Member of Editorial Board / *Ourania: Journal for the History of Cosmological Thought*

Reviewer / *Journal for the History of Astronomy*, SFN grants, Oxford Classical Dictionary

Dictionary Assistant / Oxford University Press

## Grants and Fellowships

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Teaching Grant for my course "Myths and legends of ancient Greece", International Office at the University of Zurich (UZH)

2018

Research Grant, "Fondation Hardt pour l'Étude de l'Antiquité Classique", Vandoeuvres, Geneva

2016

Doctoral Fellowship, Hans Rausing Bursary, Imperial College, University of London

2003-2006

Summer School Grant, "Philosophy and Science in the Greco-Roman World", Central European University, Budapest, Hungary

2004

### **Other Skills**

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Piano Diploma, Apollonio Odeio, Athens, Greece, Grade: Distinction

Private Greek Tutor

Private Piano Tutor

Member of "Yuka Kodama Ballet Group"