

## Report on activities 2022

In July 2021 the committee of the Commission was reconstituted as:

President: Saloua Chatti (Tunis, Tunisia)  
Secretary: Wilfrid Hodges (Okehampton, England)  
Treasurer: Seyed N. Mousavian (Tehran, Iran and Loyola University, Chicago IL).

This committee is still the same in 2022 and 2023.

In our planned activities for 2022 we undertook to develop the ALC website, noting: 'At present there is no place one can look for a list of people with an interest in Arabic Logic, or an indication of their range of interests, or perhaps a note of their recent publications in the field. We believe that the Commission is well placed to fill this gap.' We made some progress on this; in particular we set up a YouTube channel to accompany the website.

Below, we report the publications made by the officers of the Commission.

### Saloua Chatti

#### Talks

**Tutorial** entitled 'Logical Oppositions in Avicenna's Systems' and presented at the Square of Opposition Congress which was held in Leuven, 9-13 September 2022.

This tutorial contains the following three conferences (Zoom lectures):

1. Oppositions in Avicenna's Categorical Logic
2. Oppositions in Avicenna's Modal Logic
3. Oppositions in Avicenna's Hypothetical Logic

#### Publications

##### Contributed book:

Saloua Chatti (ed.) 'Women's Contemporary Readings of Medieval (and Modern) Arabic Philosophy', published in the series *Logic, argumentation and reasoning*, Springer Nature, 2022.

#### Papers

##### Published

Saloua Chatti, 'Two Squares of Opposition in two Arabic Treatises : al-Suhrawardī and al-Sanūsī', *Logica Universalis*, Special Issue edited by Jens Lemanski & Andrew Schumann, 2022 (presently online first).

Saloua Chatti, 'On Some Ambiguities in Avicenna's Analysis of the Quantified Hypothetical Propositions', *Arabic Sciences and Philosophy*, Vol 32 (1), March 2022.

Saloua Chatti, 'Logical Oppositions in Avicenna's Hypothetical Logic', in Jean-Yves Beziau and Ioannis Vandoulakis (eds) 'The Exoteric Square of Opposition', Springer, Basel, February 2022, pp. 53-88.

Saloua Chatti, 'The Hypothetical logic in the Arabic Tradition', in Saloua Chatti (ed.) 'Women's Contemporary Readings of Medieval (and Modern) Arabic Philosophy', in the Series 'Logic, argumentation and reasoning', Springer Nature, 2022.

### **Forthcoming**

Saloua Chatti, 'Enthymemes in al-Fārābī and Avicenna' forthcoming in Fosca Mariani Zini (ed) *The Legacy of Aristotelian enthymemes. Proof and Belief in the philosophy of Middle Ages and Renaissance, "Bloomsbury Studies in Aristotelian Tradition"*: Editor: Marco Sgarbi, Ca' Foscari, Venezia, London, Bloomsbury Academic.

Saloua Chatti, 'The Logic of Averroes, in *al-'Ibāra (De Interpretatione)* and *al-Qiyās (Prior Analytics)*' (invited by the editor of the contributed book). Planned publication in a contributed book edited by Ulrich Rudolph, Vol II/2 : 11-12. *Jahrhundert. Westliche Gebiete*, Brill, 2022.

### **Wilfrid Hodges**

Wilfrid Hodges, 'A correctness proof for al-Barakāt's logical diagrams', *Review of Symbolic Logic* (published online).

Wilfrid Hodges (with Manuela E. B. Giolfo), 'Al-Farabi against the grammarians?', in Manuel Sartori and Francesco Binaghi eds., *The Foundations of Arab Linguistics V: Kitab Sibawayhi, The Critical Theory*, Brill, Leiden 2022, pp. 157-178.

Wilfrid Hodges, 'Avicenna motivates two new logics'. Logic and Metaphysics Workshop, New York, March 2022 (Zoom)

Wilfrid Hodges, 'Logic . . . a single historical development?' Logic4Peace conference, 22 April 2022 (Zoom)

Wilfrid Hodges, 'How did Avicenna understand the Barcan formulas?', *Logic Journal of the IGPL* (in press, text from the Zoom lecture below for John Crossley).

Wilfrid Hodges, '85th Birthday Logic Conference in honour of John N. Crossley', June 2022 (Zoom)

### **Seyed N. Mousavian**

04. Mousavian, Seyed N (and Suzanne Sumner, Mehdi Aminrazavi, and Glen Van Brummelen). (forthcoming). *Umar Khayyam. The Stanford Encyclopedia of Philosophy*, Edward N. Zalta & Uri Nodelman (eds.)

03. Mousavian, Seyed N. (2022). "Avicenna on the Semantics of *Ma'na*." In Christina Thomsen Thörnqvist and Juhana Toivanen (eds.), *Forms of Representation in the Aristotelian Tradition*. Volume Three: Concept Formation. *Philosophia Antiqua: A Series of Studies on Ancient Philosophy*. Brill, Boston. Vol 163: 95-140.

02. Mousavian, Seyed N. (2022). "Avicenna on Talking about Nothing." In Christina Thomsen Thörnqvist and Juhana Toivanen (eds.), *Forms of Representation in the Aristotelian Tradition*. Volume Three: Concept Formation. *Philosophia Antiqua: A Series of Studies on Ancient Philosophy*. Brill, Boston. Vol 163: 141-177.

01. Mousavian, Seyed N. (2022). "The Varieties of Gappy Propositions." In Chris Tillman (ed.), *Routledge Handbook of Propositions*. Routledge.

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#### PRESENTATIONS

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01. *Comments on "Aristotle's Topics in the Arabic tradition"*. (2022). Revisiting Medieval Dialectics. 2nd Workshop, Paris, June 2022. EPHE-Sorbonne, 17 rue de la Sorbonne 75005 Paris.

02. *Avicenna, the Impossibilia, and The Letter*. (2022). [Cornell Summer Colloquium in Medieval Philosophy](https://www.scottmacdonald.net/cscmp2/schedule-2022/). Cornell University, Ithaca, New York. The schedule is available at: <https://www.scottmacdonald.net/cscmp2/schedule-2022/>

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#### PHD SUPERVISION

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02. Ghalbi, Faraz. (2018 – 2022). *On the Nature of Simple Propositions*. School of Philosophy, Institute for Research in Fundamental Sciences (IPM). Tehran, Iran.

01. Ismaili, Atefe. (2018 – present). *Causation and Origination in Liber de Causis; Thomas Aquinas's and Albert the Great's Commentaries*. Department of Philosophy, University of Tehran. Tehran, Iran.

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#### MA SUPERVISION (2021-2022)

4. Hajjalikhani, Mohammadjavad. (2020-2022). *The meta-ontology of ordinary objects: The special composition problem and common sense*. Department of Philosophy of Science, Sharif University of Technology. Tehran, Iran.

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#### TEACHING

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- *Medieval Islamic/Arabic Philosophy* (Graduate Seminar) Fall 2022  
Loyola University Chicago.
- *Medieval Islamic/Arabic Philosophy* (Undergraduate) Fall 2022  
Loyola University Chicago.

Saloua Chatti, 3 December 2022