

Report on activities 2020

The officers of the Commission in 2020 were:

President: Ahmad Hasnaoui
Secretary: Wilfrid Hodges
Web Officer: Riccardo Strobino

No meetings were held in 2020. Plans were in place for a meeting in Tunis early in the year, and later there were attempts to arrange a committee meeting in Paris, but both were defeated by Covid-19.

Below we report publications related to Arabic Logic by people active in connection with the Commission, since our last listing in December 2018:

Saloua Chatti

'Logical Oppositions in Avicenna's Hypothetical Logic', in Beziau, J-Y and Vandoulakis, J, eds, *The Exoteric Square of Opposition*, 2021 (forthcoming).

'On some Ambiguities in Ibn Sina's Analysis of the Quantified Hypothetical Propositions' (submitted).

Arabic Logic from al-Farabi to Averroes, Birkhäuser, Springer, 2019

'The Logic of Avicenna between al-Qiyas and Mantiq al-Mashriqiyyin', *Arabic Sciences and Philosophy* 29 (1), March 2019, pp. 109-131.

'Logical Consequence in Avicenna's Theory', *Logica Universalis* 13 (2019), pp. 101-133.

With Wilfrid Hodges: *Al-Farabi, Syllogism: An Abridgement of Aristotle's Prior Analytics*, introduction and translation, Ancient Commentators on Aristotle, Bloomsbury Academic, London 2020.

Ahmad Hasnaoui

'Logique et Langage chez Avicenne: les 'onymes' (Les Catégories du Shifā' I, 2)', in R. Taylor and T. Noone, *Festschrift Th.-A. Druart* (forthcoming).

Wilfrid Hodges

'Time, necessity and an Arabic link between them' (submitted to a collection in memory of Jaakko Hintikka).

'Abû al-Barakât's logical diagrams and their possible sources' (submitted to Proceedings of SIHSPAI meeting, Naples 2019).

A correctness proof for al-Barakât's logical diagrams' (submitted to *Review of Symbolic Logic*).

'Medieval Arabic notions of algorithm: some further raw evidence', in *Fields of Logic and Computation III, Essays Dedicated to Yuri Gurevich on the Occasion of his 80th Birthday*, ed. Andreas Blass, Patrick Cegielski, Nachum Dershowitz, Manfred Droste and Bernd Finkbeiner, Lecture Notes in Computer Science 12180, Springer 2020, pp. 133-146.

With Thérèse-Anne Druart: 'Al-Farabi's Philosophy of Logic and Language', *The Stanford Encyclopedia of Philosophy* (Summer 2019 Edition), Edward N. Zalta (ed.), URL = <https://plato.stanford.edu/archives/win2019/entries/al-farabi-logic/>

With Manuela E. B. Giolfo: 'Conditionality: Syntax and meaning in al-Sirafi and Ibn Sina', in Manuela E. B. Giolfo and Kees Versteegh eds., *The Foundations of Arabic Linguistics 4*, Brill, Leiden 2019, pp. 157-181.

'Remarks on al-Fārābī's missing modal logic and its effect on Ibn Sina', *Eshare: An Iranian Journal of Philosophy* 1 (3) (2019) 39-73.

'A biological metaphor for logical consequence', *Ishraq* 9 (2019) 54-79.

'A sixth century elementary introduction to logic', in *Aventuras en el Mundo de la Lógica, Ensayos en Honor a María Manzano*, ed. Enrique Alonso, Antonia Huertas, Andrei Moldovan, College Publications, London 2019, pp. 191-203.

Riccardo Strobino

Avicenna's Theory of Science: Logic, Metaphysics, Epistemology, University of California Press (forthcoming 2021).

'Ibn Sīnā's Logic', *The Stanford Encyclopedia of Philosophy* (Fall 2018 Edition), Edward N. Zalta (ed.), URL = <https://plato.stanford.edu/archives/fall2018/entries/ibn-sina-logic/>.

'Varieties of demonstration in Alfarabi', *History and Philosophy of Logic* 40 (1) (2018): pp. 42-62

Wilfrid Hodges, 13 December 2020