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THIRD CIRCULAR

Hot spots in the XMM sky: Cosmology from X-ray to Radio

Mykonos Island, Greece, 15-18 JUNE 2016

<http://www.astro.auth.gr/~xmmcosmo16>

(PLEASE NOTE: IMPORTANT DEADLINES ARE APPROACHING RAPIDLY)
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Brief Rationale

Galaxy clusters and AGN are luminous sources of energetic X-ray photons and X-ray observations provide a highly effective means of identifying such sources. Since the launch of the Chandra and XMM-Newton observatories in 1999, our knowledge of clusters and AGN out to cosmological distances has been transformed. Considering the probable extension of the XMM mission for another twelve years, the meeting aims at (1) a review of the state-of-the art studies of the cosmic web, as revealed in X-rays in partnership with observations across the entire electromagnetic spectrum; (2) providing a framework to discuss holistic pictures of structure formation with the aid of numerical simulations; (3) exploring the scientific potential and feasibility of future extra-large, community-based surveys with XMM. One of the meeting highlights will be the presentation of recent results from the XXL survey, the largest XMM program undertaken to date (6 Ms - 2x25 sq. deg. - with some 500 clusters of galaxies and 25,000 AGN). The meeting will adopt a workshop format allowing for focused presentations, round-table discussions and free time for informal discussions.

***** IMPORTANT DATES *****

Abstract submission deadline: 15th April 2016

Saint John's Hotel reservation deadline: 20th April 2016

Early registration deadline: 15th May 2016

***** REGISTRATION *****

The early conference registration fee is **250€** (until May 15th, 2016), while the late fee is **300€**. This includes a welcome reception, coffee breaks, the conference material and a guided tour to the sacred Delos island, an UNESCO world heritage site. The cost of the conference dinner is 30€ and it is payable on registration. A deduced fee of 150€ may be available to Ph.D. students upon request. The applicants should provide the name of their supervisor and thesis title before the 15th of April 2016.

***** VENUE AND ACCOMMODATION *****

CONFERENCE HOTEL: The conference will take place in the impressive 5 star [Saint John's Hotel](http://www.saintjohn.gr) (www.saintjohn.gr). Convenient access to the island is guaranteed as it can be reached easily with many direct international flights as well as via Athens by air or by boat. We have reserved a number of rooms at this hotel at very special rates (**115 €** per room single or double occupancy, while triple occupancy (where applicable): 155 € - prices include taxes and breakfast). These reduced prices and a limited number of rooms are guaranteed for reservations made **before the 20th of April 2016. YOU NEED TO DOWNLOAD THE SPECIAL SAINT-JOHN HOTEL REGISTRATION FORM FROM** <http://www.astro.auth.gr/~xmmcosmo16>

If you wish to share a room with a colleague, only one of the two should book the room listing in the form the name of the second occupant.

OTHER nearby Hotels (they can also be booked via Booking.com)

1. [Peteinos hotel](http://www.petinoshotel.gr) (<http://www.petinoshotel.gr>),
2. [Manoulas Hotel](http://www.hotelmanoulas.gr) (<http://www.hotelmanoulas.gr>),
3. [Lithos Hotel](http://lithos-mykonos.com) (<http://lithos-mykonos.com>),
4. [De Light Hotel](http://www.dellightmykonos.com) (<http://www.dellightmykonos.com>),

5. [Bellissimo Resort \(http://www.bellissimo-mykonos.com\)](http://www.bellissimo-mykonos.com),
6. [FOS suites \(http://www.mykonosroomsfos.com\)](http://www.mykonosroomsfos.com)
7. [Hippie Chic Hotel \(http://www.hippiechimykonos.com\)](http://www.hippiechimykonos.com),
8. [Mykonos Grand Hotel & Resort \(http://www.mykonosgrand.gr\)](http://www.mykonosgrand.gr),
9. [FOS suites \(http://www.mykonosroomsfos.com\)](http://www.mykonosroomsfos.com)
10. [Panthea Residence \(http://www.panthea-mykonos.com/\)](http://www.panthea-mykonos.com/)

* SCIENTIFIC ORGANISING COMMITTEE *

C. Adami (LAM/Pytheas), M. Birkinshaw (Univ. Bristol), A. Evrard (Univ. Michigan), C. Horellou (Obs.Onsala), A. Iovino (INAF-OAB, Brera), C. Lidman (AAO, Epping), S. Maurogordato (Obs. Nice), L. Moscardini (Univ. Bologna), S. Paltani (Univ. Geneva), M. Pierre (CEA Saclay), M. Plionis (Univ. Thessaloniki), H. Rottgering (Obs. Leiden), V. Smolcic (Zagreb Univ.), J. Surdej (Univ. Liege), C. Vignali (Univ. Bologna), J. Willis (Univ. Victoria)

* LOCAL ORGANISING COMMITTEE *

A. Akylas, S. Basilakos, I. Georgantopoulos , E. Koulouridis, M. Plionis (Chair), T. Sabidekova, A. Theodorakakos

* INVITED SPEAKERS *

Invited speakers include:

D. Alexander, A. Finoguenov, I. Georgantopoulos, R. Hickox, M. Jarvis, I. McCarthy, A. Mantz, J.B. Melin, Y. Mellier, A. Muzzin, E. Rozo

* SOCIAL EVENTS *

1. A guided tour to the sacred Delos island, an UNESCO world heritage site (free of charge).
2. The workshop dinner will cost around 30 EUR, payable in cash upon arrival.

* CONFERENCE POSTER *

You can download the conference poster (<http://www.astro.auth.gr/~xmmcosmo16/poster.jpg>)

* CONTACT *

** Local Organizing Committee: xmmcosmo16@astro.auth.gr

** Up-to-date information is always available via the Conference web page:

<http://www.astro.auth.gr/~xmmcosmo16>