

Additional information:

* All activities are free of charge, transportation included. For any clarification, please contact "Friends of Calar Alto" Association at the electronic address: amigoscalaralto@gmail.com

* You can register for the meeting before April the 20th 2018, indicating if you wish to attend the complementary activities

More information and registration:

www.juntadeandalucia.es/medioambiente/defensaoscuridadnatural

Almería Museum
Carretera de Ronda, 91
04005
Almería (Spain)

Collaborators:



STARS4ALL



JUNTA DE ANDALUCÍA



JUNTA DE ANDALUCÍA

REGIONAL MINISTRY OF ENVIRONMENT AND SPATIAL PLANNING

INTERNATIONAL MEETING
**IN DEFENCE OF THE
NATURAL DARKNESS**

OF NIGHT

APRIL 27TH - 28TH
ALMERÍA MUSEUM



PROGRAMME

April 27th 2018

TECHNICAL MEETING AND BUSINESS FAIR

09:00. Inaugural act

1ST SESSION. LOSS OF THE NATURAL DARKNESS OF NIGHT: IMPLICATIONS

09:30. Light pollution: general concepts

* Fernando Jáuregui, Pamplona Planetarium.

10:00 Light pollution measurement

* Jaime Zamorano, Stars4All and Complutense University of Madrid

10:30 Effects on the natural environment

* Ángel Morales, Valencia University.

11:00 Effects on human health

* M^a Ángeles Rol de Lama, Cronolab, Murcia University

11:30 Coffee break / Visit to the business fair on lighting, consultancy and astro-tourism

2ND SESSION. THE ANDALUSIAN NIGHT SKY: TOOLS TO PRESERVE THE NATURAL DARKNESS OF NIGHT

12:00 Sky quality and the strategy of the Andalusian Government for its preservation

* Ángela Ranea, Regional Ministry of Environment and Spatial Planning, Government of Andalusia

* Estefanía Cañavate, Agency for the Environment and Water of Andalusian

12:30 Engineering for sustainable lighting

* Antonio Hurtado, Granada city hall

13:00 Round table. Defending the night in a complex society

* Ángela Ranea, Óscar Corcho, Jesús Aceituno and Antonio Hurtado.

14:00 Visit to the business fair on lighting, consultancy and astro-tourism

3RD SESSION. MEASUREMENT AND MODELLING TECHNIQUES. INTERNATIONAL COOPERATION INITIATIVE

16:00 The artificial sky brightness and professional astronomy

* Alicia Pelegrina, Office for Sky Quality, Astrophysical Institute of Andalusia

16:30 Models for the analysis of artificial sky brightness

* Salvador Bará, Santiago de Compostela University

17:00 The European project Stars4All

* Oscar Corcho, Stars4All and Polytechnical University of Madrid

COMPLEMENTARY ACTIVITIES

April 26th 2018

VISIT TO CABO DE GATA-NÍJAR NATURAL PARK

20:00 Departure to the Park (to La Isleta del Moro or to Rodalquilar

21:00 - Introductory talks:

Astronomy and the Park

Iñaki García, Astronomía Cabo de Gata.

Light pollution and the environment

Sibylle Schroer, Stars4All.

Refreshment offered by Níjar City Hall

Observing session: naked eye observation of the sky.

23:00 Departure to Almería

April 27th 2018

From 11:00 to 13:00. Activities at schools

Óscar Corcho and Miquel Serra (Stars4All).

VISIT TO CALAR ALTO OBSERVATORY

18:00 Departure to the Observatory

19:00 Visit to Calar Alto facilities

and refreshment offered by Calar Alto Observatory

22:00 Observation at the 1.23 m telescope

23:30 Departure to Almería