

SYMPOSIUM ON PROMOTION AND PROTECTION OF THE NIGHT SKY

Capraia Island, September 13-14, 2018

AGENDA

September, 13

8:30 - Registration

9:00-9:30 Welcome to the Symposium

Stefano Ciuoffo - Productive activities, credit, tourism, trade of Tuscany Region

Marida Bessi - Mayor of the Capraia Island Municipality

Antonio Raschi - Director of the Institute of Biometeorology

9:30-10:00 Invited Speaker: S. Frank

Applied nighttime protection – a very practical report

10:00-11:00 Session 1 – Chair: Sabine Frank

Dark sky places of the world

D. Welch

Efforts to establish dark sky places based on Systematic measurements of the night sky brightness in Upper Austria

T.Posch, F.Binder, J. Puschnig, S.Wallner

Buiometria Partecipativa

A. Giacomelli

The dark side of a park

A. Perfetti, A. Porchera, F. Logli

11:00-11:30 coffee break

11:30-13:00 Session 2 – Chair: Andrea Giacomelli

The sky of Montsec. How a dark sky is impacting in the economy of a rural area

S.J. Ribas, J. Vilajoliu

The light pollution at Asiago Observatory

S. Cavazzani, S. Ortolani, A. Bertolo

For the darkness seekers in central Seoul: the moonlight tour at Changdeokgung palace

D.H. Kim, G-C. Jeong

Problematic research in lighting and public safety: uncovering major errors

P. Marchant

The contributions of sustainable cities to environmental protection and clear night sky

E. Alarслан

Message from the Municipality of San Severino Lucano, Italy
F. De Micco

13:00-14:00 **Lunch**

14:00-14:30 **Invited speaker: F. Hölker**

Environmental impacts of artificial light at night on freshwater systems

14:30-15:30 **Session 3 -- Chair: Franz Hölker**

Reducing the effect of dual ecological traps on night-swarming mayflies at lamp-lit bridges

Dénes Száz, Ádám Egri, György Kriska, Gábor Horváth

The ALAN phenomenon in the broader frame of urban evolutionary ecology

A. Gini, M. A. L. Zuffi

Monitoring light pollution and its effects in the urban environment

L. Massetti, F. Sabatini, A. Raschi

Measurements of night sky brightness in Veneto region: sqm network implementations and results

A. Bertolo, R. Binotto, S. Ortolani, L. Zaggia

15:30-16:00 **coffee break**

16:00-17:00 **Session 4 – Chair: Elena Maggi**

Tracking ecological light pollution with digital cameras – all terrain, all weather, all directions

A. Jechow, C.C.M. Kyba, F. Hölker

Artificial light pollution monitoring with the PRISMA all-sky camera network

D. Barghini, D. Gardiol, M. Di Martino

LAN3: A multispectral and multidirectional intrusive light sensor for health and environmental studies

M. Aubé

Measuring light pollution from drones or airballoons: the MINLU project

P. Fiorentin, C. Bettanini, E. Lorenzini, A. Aboudan, G. Colombatti, S. Ortolani, A. Bertolo

9:30-17:00 **Poster session**

2018 winter olympics Gangneung hockey center media-façade & landscape lighting

KH. Kim , KW. Kim , SW. Lee , JT. Kim

Valorisation and fruition of historical and artistic heritage for the night sky protection and promotion

F. De Micco

September, 14

9:00-9:30 **Invited speaker: T. Davies**

The impacts of light pollution in marine ecosystems

9:30-11:00 **Session 5 – – Chair: Thomas Davies**

Incorporating Light pollution into cumulative effects assessment in coastal areas of the Italian Adriatic Sea

D. Depellegrin, M. Drius, S. Menegon, G. Farella, L. Zaggia, F. Falchi, A. Pugnetti, L. Bongiorno

Artificial light at night and marine food webs: an intertidal case study

E. Maggi, L. Bongiorno, M. Dal Bello, A. Capocchi, D. Fontanini, A. Giacomelli, L. Benedetti-Cecchi

Effect of night lighting on circadian gene rhythms in the seagrass *Posidonia oceanica*

A. Basile, L. Dalle Carbonare, E. Maggi, S. Iacopino, V. Shukla, H. Hamedeh, L. Rindi, L. Benedetti-Cecchi, F. Bulleri, B. Giuntoli, F. Licausi

Winkelmoosalm – The first International Dark Sky Park in the Alps

A. Hänel, M. Philipp, S. Frank

Observing atmospheric condition of night sky brightness for light curve profile in selected area of Shah Alam, Malaysia

Z.S. Hamidi, N.N.M.Shariff, M.A.R.Azni

Determining night sky quality in dark sky parks

Z. Kollath

11:00-11:30 **coffee break**

11:30-12:15 **Session 6 - Chair: Luciano Massetti**

Rock and roll induced skyglow: a case study during Lollapalooza Berlin 2016

A. Jechow

A spectroscopic analysis of the light pollution at Asiago Observatory

S. Ortolani, A. Bertolo, S. Cavazzani, P. Ochner

First light of sky quality meter (sqm-le) IN universiti teknologi mara (ultm) SHAH ALAM, MALAYSIA

N. N. M. Shariff, Z. S. Hamidi, M. R. Osman

12:15-13:00 **Conclusion**

13:00-14:00 **Lunch**