



20<sup>th</sup> - 24<sup>th</sup> March 2017

# WORKSHOP ON SUSTAINABLE LIGHT AND POWER FOR THE NEXT GENERATION (IALABATT / IALALITE)

**Koblenz Kongress, Koblenz, Germany**

Koblenz-Kongress, Julius-Wegeler-Str. 4, 56068 Koblenz, Germany



The International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) in association with the German Federal Waterways & Shipping Administration is hosting a workshop on Sustainable Light and Power for the Next Generation (IALABATT / IALALITE) in Koblenz, Germany, from 20 to 24 March, 2017.

## **BACKGROUND**

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Over the past several years, AtoN technology has progressed significantly. The workshop will provide opportunities to review the innovative work that has been undertaken by IALA members within areas such as light source technology and applications, sustainable AtoN provision, energy generation and storage technology and management, as well as the design and management of AtoN Systems.

## **TOPICS**

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The workshop will cover subjects related to sustainable AtoN design, provision and management such as LED light sources and applications, wind, solar and wave energy, battery technology, charging and management, fuel cells, system management. The programme will include a technical visit to the WSV light laboratory with a number of practical demonstrations.

## **OBJECTIVE**

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The workshop aims to provide attendees with an opportunity to exchange expert knowledge, information and ideas on the latest developments in fixed and floating aids to navigation technology; to understand present and emerging technologies in energy supply and storage in AtoN provision; to understand present and emerging technologies on light sources and their application in AtoN; to promote the use of renewable energy in AtoN provision; to develop IALA documentation on AtoN lights and energy systems; to provide an opportunity to increase technical awareness among members; and to share operational experiences..

## **PROCESS**

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The Workshop will include presentations on various aspects relevant to fixed and floating AtoN. The programme includes discussion periods, a technical study tour and work on draft IALA documentation. The intent is that the Workshop report will contain recommendations for areas of further work. The working language for the workshop will be English.

## **VENUE**

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The venue will be in the Koblenz-Kongress, Julius-Wegeler-Str. 4, 56068 Koblenz, Germany.

## **ATTENDEES**

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The workshop is directed towards those responsible for the management, supply, design, maintenance, procurement and operation of fixed and floating aids to navigation.

## **REGISTRATION FEE**

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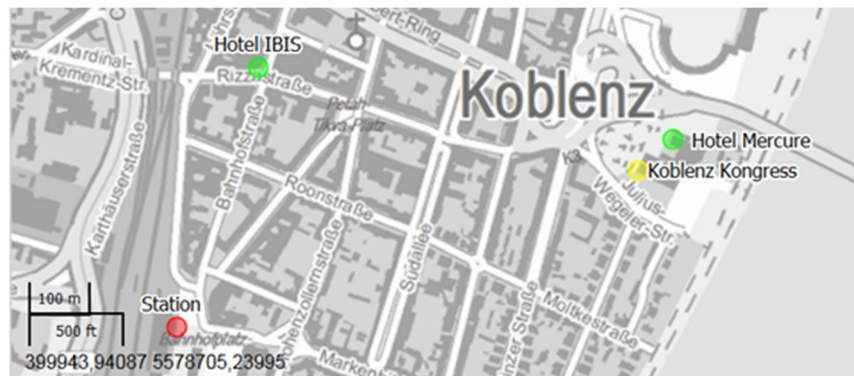
The registration fee for the Workshop is EUR 650. It includes workshop material, lunches, coffee breaks and social events.



## VENUE AND HOTEL

The meeting will take place in the city of Koblenz, Germany at the Koblenz Kongress Centre, Julius-Wegeler-Str. 4, 56068 Koblenz. The 2000-year-old town of Koblenz is situated in the picturesque landscape of the Rhine and Moselle. The international airports in Frankfurt and Cologne have train connections to Koblenz (appr. 90 min). Train stations are right beside the terminals. Ryanair, Wizz Air and SunExpress arrive at Hahn-airport. A block booking was made with the hotels listed below. Quote "IALA" to get the special rate. Further hotels are available e.g. at hrs.de.

Hotel	Classification (stars)	Price (incl. breakfast)	Distance venue	Distance station
Hotel <b>ibis</b> Rizzastrasse 42 56068 - KOBLENZ	**	75€	650 m	500 m
Hotel <b>Mercure</b> Julius-Wegeler-Str. 6 56068 KOBLENZ	****	Single occupancy: 105€ plus 19€ breakfast Double occupancy: 122€ plus 19€ breakfast	indoor walk	1100 m



Accommodation should be booked directly with the hotels. Visa applications, if necessary, should be lodged with the local representative of Germany.

## PROVISIONAL PROGRAMME

### Day 1, Monday

- 1300 - 1400 Registration
- Session 1 Opening of the Workshop, and work definition
- Session 2 Emerging light sources technology and applications
- Session 3 Emerging energy technology and management
- Evening Welcome reception

### Day 2, Tuesday

- Session 4 Sustainable energy generation
- Session 5 Sustainable AtoN management and environmental compliance
- Session 6 Application of technology in lights and power systems
- Session 7 Discussion and establishment of Working Groups
- Evening Social event – Champagne caves visit

### Day 3, Wednesday

- Session 8 Technical study tour to the Federal Waterways & Shipping Administration light range in Koblenz with practical demonstrations of light and colour measurement.
- Sessions 9/10 Working Groups

### Day 4, Thursday

- Sessions 11/12/13/14 Working Groups

### Day 5, Friday

- Session 16 Reports from Working Groups on their work on draft IALA documentation and Panel discussion
- Session 17 Workshop Conclusions and closing
- 12:00 Departure

10, rue des Gaudines - 78100 Saint Germain en Laye, France  
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[www.iala-aism.org](http://www.iala-aism.org)

International Association of Marine Aids to Navigation and Lighthouse Authorities  
Association Internationale de Signalisation Maritime



**Participant's details**

Surname (family name): -----

First name (given name): -----

Title (Mr./Mrs./Dr., etc): -----

Organisation or company: -----

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Address: -----

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Country : -----

Phone (incl. country code): -----

Mobile (incl. country code): -----

e-mail : -----

Dietary requirements (please specify):

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I agree that my contact details being provided

in the final report of the workshop:

Yes  No

I need an invitation letter for visa purposes:

Yes  No

**Payment details**

by enclosed cheque or bank draft in EUROS

by VISA, MASTERCARD

No: -----

Expiry date: -----

Cryptogram number: -----

Holder's name: -----

Total to be charged: -----

Signature -----

by bank transfer on receipt of an invoice

Invitation letter for visa purposes and other requirements

(please specify):

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**CANCELLATION POLICY**

All cancellations must be sent by e-mail to [secgen@iala-aism.org](mailto:secgen@iala-aism.org)

A refund in full of the registration fee will only be provided if notification is given at least one week prior to the event. Otherwise, a cancellation charge of 50% will be applied. Name changes will be accepted.

In case of a no-show, 100% of the registration fee will be charged.