



19th IALA Conference 2018

Incheon, Republic of Korea

SUCCESSFUL VOYAGES, SUSTAINABLE PLANET

A NEW ERA FOR MARINE AIDS TO NAVIGATION IN A CONNECTED WORLD
28th May to 2nd June, 2018 – Songdo ConvensiA



CALL FOR PAPERS

THE PAPERS SELECTION COMMITTEE INVITES IALA MEMBERS TO SUBMIT ABSTRACTS

The Papers Selection Committee invites IALA members to submit abstracts of proposed papers to be presented during the Conference, on any of the topics listed, or on any other topic considered to be in alignment with the theme of the Conference.

Authors should provide abstracts of approximately 200 words, in English or French. Each abstract should include the author's name and contact details.

The abstracts should be submitted by 31st March 2017 by filling in the form at Page 3 of this document.

LE COMITE DE SELECTION INVITE LES MEMBRES DE L'AIMS A PROPOSER DES RESUMES DE PRESENTATIONS

Le Comité de sélection invite les membres de l'AIMS à soumettre les résumés des présentations qu'ils souhaitent proposer pour la Conférence, sur tout sujet figurant dans la liste ci-après ou sur tout autre sujet qu'ils considèrent en rapport avec le thème de la Conférence.

Les auteurs devront préparer un résumé d'environ 200 mots, en français ou en anglais. Sur chaque résumé devront figurer les nom et coordonnées de l'auteur.

Les résumés devront être remis avant le 31 mars 2017 à l'aide du formulaire figurant en page 3 de ce document.

EL COMITE DE SELECCION DE COMUNICACIONES INVITA A LOS MIEMBROS DE IALA A PRESENTAR RESUMENES

El Comité de Selección de Comunicaciones invita a los miembros de IALA a presentar resúmenes de las ponencias que proponen para su presentación en la Conferencia, sobre cualquiera de los temas señalados, y también sobre cualquier otro que consideren acorde con el tema de la Conferencia.

Los autores deben de preparar un resumen de aproximadamente 200 palabras, en inglés o francés. Cada resumen debe incluir el nombre del autor/es y los detalles de contacto de los mismos.

Los resúmenes deben de ser enviados rellenando el fichero en la página 3 de este documento, antes del día 31 de marzo de 2017.



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TOPICS

1. Risk management, quality and audit
2. Digital communication, data and information management
3. Maritime domain awareness and single window
4. Marine Aids to Navigation in a developing technological and behavioral environment
5. Future trends
6. Resilient PNT
 - r-mode
 - satellite based augmentation systems (SBAS)
 - eLoran
7. Visual aids
 - Advances in light technology
 - Battery cycling protocols and new systems
 - Maintenance of modern Aids to Navigation
 - Visual signalling
8. Energy efficiency whilst maintaining reliability & service to the mariner
9. Climate change adaption for Marine Aids to Navigation
10. VTS
11. Heritage
 - Redundant lighthouse sites & their complementary uses
 - Lighthouse Tourism (as (A) platform for safety at sea education and/or reputational benefit and (B) as source of revenue)

SUJETS

1. *Gestion du risque, qualité et audit*
2. *Communication numérique, gestion des données et de l'information*
3. *Sensibilisation au domaine maritime et guichet unique*
4. *Aides à la navigation maritime dans un environnement de développements technologique et comportemental*
5. *Tendances futures*
6. *PNT résilient*
 - *r-mode*
 - *systèmes d'augmentation par satellite (SBAS)*
 - *e-Loran*
7. *Aides visuelles*
 - *Avancées dans la technologie des feux*
 - *Protocoles de cycle de batteries et systèmes nouveaux*
 - *Entretien des aides à la navigation modernes*
 - *Signalisation visuelle*
8. *Efficacité énergétique en maintenant la fiabilité et le service au marin*
9. *Adaptation des aides à la navigation au changement climatique*
10. VTS
11. *Patrimoine*
 - *Sites de phares déclassés et leur utilisation alternative*
 - *Tourisme des phares (en tant que (A) plate-forme d'éducation à la sécurité en mer et/ou exploitation de la réputation et (B) comme source de revenu)*

ASPECTOS

1. Gestión de riesgos, calidad y auditoría
2. Comunicación digital y gestión de datos e información
3. Conciencia de dominio marítimo y ventanilla única
4. Las Ayudas a la Navegación en un entorno de desarrollo tecnológico y de cambios de comportamiento
5. Tendencias futuras
6. Resiliencia PNT
 - modo-r
 - Sistemas de aumentación basados en satélites
 - eLoran
7. Ayudas visuales
 - Avances en tecnología de luz
 - Protocolos sobre ciclos en baterías y nuevos sistemas
 - Mantenimiento de modernas Ayudas a la Navegación
 - Señalización visual
8. Eficiencia energética al tiempo que se mantiene la fiabilidad y el servicio al navegante
9. Adaptación de las Ayudas a la Navegación al cambio climático
10. VTS
11. Patrimonio
 - Espacios sin uso en los faros y sus usos complementarios
 - Turismo de faros (como (A) plataforma para educación en seguridad marítima y/o mejora de la reputación y (B) como fuente de ingresos)



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ABSTRACT SUBMISSION — SOUMISSION DE RESUME

Topic No.: / Sujet n° : 11----- or / ou

proposed topic / sujet proposé: **THE PHAROS OF PATARA**

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ABSTRACT / RESUME:

THE PHAROS OF PATARA

AN IMPERIAL REPRESENTATION BUILDING IN THE PROVINCE OF LYCIA

The lighthouse, unearthed at the mouth of this Harbour of Patara from under a sand hill on the western shore, is undoubtedly one of the most original structures of ancient. As indicated by its inscription dated to 64/65 AD, it was erected by the Emperor Nero under the supervision of his governor Sextus Marcus Priscus for the 'salvation of sailors'. The lighthouse was excavated in 2004-2005 and the restoration of the podium has been largely completed. The Pharos of Patara consists of two main sections including a podium and a tower. The podium, which has a length of approximately 20 m on each side, is exceptional with its construction style. This style completely incorporated the bedrock and built the walls partially



using this bedrock, thus creating a structure highly resistant to earthquakes. The tower has a preserved height of 4.50 m, with its basic architecture consisting of two intertwined cylindrical structure elements connected to each other by a spiral staircase. The tower is accessed through a gate closed with a wooden door in the west. Formed only by combination of two basic geometric forms, the lighthouse reaching a height of about 26 meters on the podium is a rather plain structure – it has no decorations or profiles whatsoever. Such a simple handling of the design by the architect is actually a necessity for a structure that would be exposed to the strongest winds and waves of the open sea. Despite this, the blocks of the structure contain four reliefs in total depicting a dolphin, a phallus, and two crosses. The inscription on a statue pedestal uncovered on the eastern face of the tower reads that there was a second lighthouse in Patara (antipharos).

The reconstruction of the lighthouse will end soon. The goal of this process is to restore this pharos with its own materials. Then the Pharos of Patara will be called the oldest standing lighthouse in the world. In addition, science will gain deeper insights into ancient lighthouses. The protection measures not only apply to the protection of the old architecture, but also the aim of familiarizing visitors with the history of the building. Among many others St. Nicholas was among his visitors, who was born in Patara and spent his youth here.

PLEASE RETURN TO contact@iala-aism.org by 31st March 2017
VEUILLEZ RETOURNER A contact@iala-aism.org avant le 31 mars 2017