



Provisional Agenda of
the 3rd ISA Global Annual LiFi Conference 2024
(18:00-21:45, Beijing Time, UTC+8, March 11-12, 2024)

<https://us06web.zoom.us/j/84442579840?pwd=j2fRBlJ9skw86315nxqd1TkWpII9A.9GNjdmzMCjVcp6WH>

Webinar ID: 844 4257 9840

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Day 1: Research and Innovation

(18:00-21:45, Beijing Time, UTC+8, March 11, 2024)

Agenda

Host: ISA LiFi Committee	
Moderator	Prof. Harald Haas <i>Distinguished Professor of Mobile Communications FREng FRSE FIEEE FIET Director of LiFi Research and Development Centre (LRDC) Department of Electronic & Electrical Engineering The University of Strathclyde, UK Visiting Professor at the University of Edinburgh Chairman of ISA LiFi Committee Member of ISA Board of Advisors</i>
18:00-18:10	Welcome Address Dr. Jianlin CAO <i>Deputy Director of the Committee of Education, Science, Culture, Health and Sports, The National Committee of the Chinese People's Political Consultative Conference Former Vice Minister of Ministry of Science and Technology, China President of ISA</i>
Section I Keynote Speech	

18:10-18:40	<p>“Why LiFi is Ready for 6G” (TBC)</p> <p>Harald Haas</p> <p><i>Distinguished Professor of Mobile Communications FREng FRSE FIEEE FIET Director of LiFi Research and Development Centre (LRDC) Department of Electronic & Electrical Engineering The University of Strathclyde, UK Visiting Professor at the University of Edinburgh Chairman of ISA LiFi Committee Member of ISA Board of Advisors</i></p>
	Q&A
18:40-19:10	<p>“New spectra Communications for 6G”</p> <p>Nan CHI</p> <p><i>Professor, Dean, School of Information Science and Engineering Fudan University, China</i></p>
	Q&A
Section II Research and Innovation	
19:10-19:35	<p>“High-speed InGaN light-emitting devices for visible light communications”</p> <p>Lai WANG</p> <p><i>Professor, Tsinghua University, China</i></p>
	Q&A
19:35-20:00	<p>“Breaking the Boundaries of Connectivity with LiFi”</p> <p>Alistair Banham</p> <p><i>CEO, pureLiFi, England</i></p>
	Q&A

20:00-20:25	<p>“The Determinacy Consideration of Optical Wireless Communications”</p> <p>Chen GONG <i>Professor, University of Science and Technology of China</i></p>
	Q&A
20:25-20:50	<p>“Building 6G Frame Work in MENA”</p> <p>Fathi Abdeldayem <i>Telefonica Germany, United Arab Emirates</i></p>
	Q&A
20:50-21:15	<p>“Multi-dimensional signal transmission in underwater LiFi (U-LiFi)”</p> <p>Chen CHEN <i>Professor, Chongqing University, China</i></p>
	Q&A
21:15-21:40	<p>“Individual Narrow Beams for High Capacity and High User Density Wireless Communication”</p> <p>Eduward Tangdionga <i>Associate Professor, Eindhoven Hendrik Casimir Institute, the Netherlands</i></p>
	Q&A
21:40-21:45	Summary
21:45	Adjourn

Note: Simultaneous interpretation will be provided

Day 2: Industry and Applications

(18:00-21:05, Beijing Time, UTC+8, March 12, 2024)

Agenda

Host: ISA LiFi Committee	
Moderator	Prof. Harald Haas
18:00-18:05	Welcome Address
Section III Industry and Application	
18:05-18:30	“Technology and development of perception integration in wireless optical communication” Junping Zhang <i>Researcher, Huawei Technologies Co., Ltd., China</i>
	Q&A
18:30-18:55	“On IRS-Aided Visible Light Communications” Mohamed-Slim Alouini <i>Professor, King Abdullah University of Science and Technology, KAUST</i>
	Q&A
18:55-19:20	“Prospects for VLC Applications in 6G” Liang XIA <i>Technical manager, China Mobile, China</i>
	Q&A

19:20-19:45	<p>“Enhancing Mobile Vehicle Connectivity: Optimizing Visible Light Communication Signal Reception with Rolling Shutter Image Sensors”</p> <p>Takaya Yamazato</p> <p><i>Professor and Deputy Director, Institute of Liberal Arts and Sciences, Nagoya University, Japan</i></p>
	Q&A
19:45-20:10	<p>“Blue/green LED/LD communication device testing for ROV”</p> <p>Yong AI</p> <p><i>Chairman, Wuhan Liubo Optoelectronics Technology Co., LTD. Professor of Electronic Information School, Wuhan University, China</i></p>
	Q&A
20:10-20:35	<p>“Optimizing Visible-Light Communication Network Performance with a Focus on Multiple Access and Mobility”</p> <p>Ali Khalighi</p> <p><i>Associate Professor, Fresnel Institute, Marseille, France</i></p>
	Q&A
20:35-21:00	<p>“Beyond Traditional Methods: Orbital Angular Momentum Empowers Optical Wireless Communication”</p> <p>Shlomi Arnon</p> <p><i>Professor, Ben Gurion University, Beer Sheva, Israel</i></p>
	Q&A
21:00-21:05	Summary
21:05	Adjourn

Note: Simultaneous interpretation will be provided