

Agenda for the Optical Networking Technical Committee (ONTC) Meeting

LOBECOM 2021

Date: Tuesday, Nov 23, 2021

Time: 1-3 pm CEST

Place: Virtual Meeting

1. Welcome and Introductions

Luca welcomed and thanked remote participants for attending ONTC meeting(s).

Luca briefly introduced agenda for the day.

Round table introductions.

2. Approval of the minutes from ONTC meeting from LOBECOM 2020

(https://ontc.committees.comsoc.org/files/2021/07/ICC2021_ONTC_Minutes.pdf)

Moved: Maite Brandt-Pearce

Seconded: Zuqing Zhu

Minutes approved after votes.

3. ONTC 2020 Awards

Luca commented on the establishment of the ONTC Awards Committee in which members are detailed as follows: Elaine Wong, University of Melbourne (Chair)

Members: Admela Jukan, Technische Universität Braunschweig, Biswanath Mukherjee, UC Davis/Soochow University, PR China, Piet Demeester, Ghent University (UGent), Ken-ichi Sato, Nagoya University and George Rouskas, NCSU.

Malathi Veeraraghavan ONTC Outstanding Service Award Recipient

Malathi Veeraraghavan ONTC Outstanding Service Award

› Dr. Jane Simmons (In memoriam)

› Motivation (by a colleague)

- Dr. Jane Simmons is very deserving of the ONTC Outstanding Service Award. She is a great champion of the optical networking field. In particular, she must be commended for her leadership while serving as Editor-in-Chief of the IEEE/OSA Journal of Optical Communications and Networking (JOCN). She has instituted several special issues of the journal on timely and important topics. She has also spearheaded the journal publication in JOCN for expanded versions of high-quality papers that were originally presented at OFC and ECOC conferences and were rated highly. Her timely and no-nonsense approach on handling papers submitted to JOCN should be well appreciated. She spends an inordinate of time to go through the paper submissions and the final papers before publication to ensure the high quality of JOCN.
- Jane is also a major champion of the optical networking field through her contributions to the OFC conference where she sits on the Steering Committee. She is also very active in the ONTC meetings.
- In addition, Jane is also a very good researcher who has made important contributions to the field of optical networks over the years.
- Thus, Dr. Jane Simmons is very deserving of the ONTC Outstanding Service Award.
- <https://www.comsoc.org/about/news/memoriams/jane-simmons>



Luca noted Jane's untimely passing and shared Jane's nomination as detailed above. We are extremely appreciative of Jane's unwavering support towards ONTC over the year.

Luca invited Srikanth Ramamurthy and Vincent Chan to say a few words on naming the ONTC Service Award after Prof. Malathi Veeraraghavan, and on Jane's contribution towards the optical networking community at OFC.

Luca congratulated Prof. Chunming Qiao for receiving the 2020 ONTC Outstanding Technical Achievement Award, and read his nomination as detailed below.

ONTC Outstanding Technical Achievement Award

▶ Prof. Chunming Qiao, The State University of New York at Buffalo

▶ Citation: "For pioneering research on optical burst switching (OBS)"

▶ Nomination: Chunming Qiao is a SUNY Distinguished Professor and Chair of the CSE Department. He has lead the Lab for Advanced Network Design, Evaluation and Research (LANDR) at UB since 1993. His current research interests cover not only the safety and reliability of various cyber physical systems (such as transportation systems with connected and autonomous vehicles, critical infrastructures involving power grid and communications networks, and cloud services), but also algorithms and protocols for the Internet of Things, including smartphone based systems and applications. He pioneered research on optical burst switching (OBS) in 1997, and in addition, his work on integrated cellular and ad hoc relaying systems (iCAR) in 1999 is also recognized as the harbinger for today's push towards the convergence between heterogeneous wireless technologies, and has been featured in BusinessWeek and Wireless Europe, CBC and New Scientists. He has published extensively with an h-index of over 69 (according to Google Scholar). Several of his papers have received the best paper awards from IEEE and Joint ACM/IEEE venues. He also has 7 US patents and served as a consultant for several IT and Telecommunications companies since 2000. His research has been funded by two dozens of NSF grants and a number of major IT and telecommunications companies including Alcatel Research, Fujitsu Labs, Cisco, Google, NEC labs, Nokia Research, Nortel Networks, Sprint Advanced Technology Lab, and Telcordia. He has chaired and co-chaired a dozen of international conferences and workshops, and IEEE Technical Committees and Subcommittee. He has served on the editorial board for several leading IEEE journal. He was elected to IEEE Fellow for his contributions to optical and wireless network architectures and protocols.



4. ONTC Secretary Election

Luca commented that secretary elections will be held online mid-December but the platform (emails or IEEE voting system) is yet to be decided. To elect the new secretary, a new nomination sub-committee has to be established and there needs to be at least 2 candidates.

The following Nomination Subcommittee has been set up (all former ONTC Chairs) comprising Ioannis Tomkos, University of Patras (Chair), Biswanath Mukherjee, UC Davis/Broadband Research & Innovation (IBRI) at Soochow University in China, (Committee consultant), Jason Jue, The University of Texas at Dallas, Byrav Ramamurthy, University of Nebraska Lincoln, Sureah Subramaniam, George Washington University, Admela Jukan, TU Braunschweig, George Ruskas, North Carolina State University and Xiaojun (Matt) Cao, Georgia State University.

The Nomination Subcommittee will solicit candidates (15 days before election) and will organise voting and finalize decision process.

5. ICC and GLOBECOM conference updates

Luca briefed on the state of submission and accepted papers for GLOBECOM 2021 and ICC 2022. Thanked community for helping increase the reach of the CfP from Rudra Dutta.

GLOBECOM 2021, Dec 7-11, Madrid, Spain

ONS Chairs:

- Mauro Biagi (Università La Sapienza, Roma)
- Rudra Dutta (NCSSU, USA) → stepped down and replaced by Jaafar Elmirghani (University of Leeds, UK)
- Submissions
 - o 61 Papers: 29 networks, 32 systems
- Accepted
 - o 22 papers: 10 networks, 12 systems

ICC 2022, 16-20 May, Seoul, S. Korea

- ONS Chairs:
 - Marco Ruffini (Trinity College Dublin)
 - Steve Hranilovic (McMaster University)
- Submissions
 - o 46 Papers: 20 networks, 26 systems
- Accepted: reviews ongoing

6. Other Conference updates

- OFC 2022, March 6-10, San Diego, CA, USA

- OFC 2022, Paolo commented on N3 being top 3 SCs for submission number. Demo zone received 27 submissions. Paper ranking and acceptance underway. Marco reported on N4 being 41 submission, down from 20% based on previous year.
- ICC 2022, May 16-20, Seoul, Korea,
- ECOC 2022, Sep. 18-22, Basel, Switzerland
- Globecom 2022, December 4-8, Rio De Janeiro, Brasil
 - Suresh Subramanian, The George Washington University, Washington D.C.
 - Anas Chaaban, School of Engineering, Faculty of Applied Science, UBC
- OFC 2023, March 5-9, 2023, San Diego, CA, USA
- ICC 2023, May 28-June 1, Rome, Italy
 - Raul Munoz, CTTC, Spain
 - Murat Yuksel, University of Central Florida, Orlando, USA
- ECOC 2023, UK
- Globecom 2023, December 4-8, Kuala Lumpur, Malaysia
 - NOMINATIONS OPEN (Deadline Nov. 30, 2021)
- OFC 2024, March 24-28, San Diego, CA, USA
- ICC 2024, 9 - 13 June 2024, Denver, Colorado, USA
- ECOC 2024, Germany
- Globecom 2024, TBD
- ICC 2025, 8 - 14 June 2025, Montreal, QC, Canada
- ONTC co-sponsored
 - 26th International Conference on Optical Network Design and Modelling (ONDM 2022) (May 16-19, 2022, Warsaw, Poland)
 - Submission Deadline: Jan. 16, 2022
 - <https://ondm2022.com/>
 - The 31st International Conference on Computer Communications and Networks (ICCCN 2022) (July 25 - July 28, 2022, Waikiki Beach, Honolulu, HI, USA)
 - Submission Deadline: February 20, 2022
 - <http://www.icccn.org/icccn21/index.html>
 - OECC/PSC 2022 (Jul. 3-7, 2022, Toyama, Japan)
 - Submission Deadline: February 28, 2022
 - IEEE ANTS
 - 13-16 December 2021 in Hyderabad, India
 - <https://ants2021.ieee-comsoc-ants.org>

Luca commented that if anyone has any conference CfP to advertise, please contact Chair and/or use the ONTC mailing list.

7. Journal updates and reports

- IEEE Communications Magazine has a Series on “Optical Communications and Networks”
 - Zuqing commented that paper can be submitted anytime during a year, and if accepted, it will be published in the first time slot available for the Series (three issues a year normally)
 - <https://www.comsoc.org/publications/magazines/ieee-communications-magazine/cfp/optical-communications-and-networks>
 - Zuqing will be stepping down as Series Editor at the end of the year.
- IEEE Networking Letters continuous submission
 - <https://www.comsoc.org/publications/journals/ieee-lnet>
- JOCN
 - New Editor-in-Chief: Dr. Andrew Lord, BT
- JLT updates
 - JLT Special Issues
 - Multi-Band Optical Networks (submission open, deadline Nov. 30, 2021)
 - Microwave Photonics (submission open, deadline Feb. 28, 2022)
 - Integrated Photonics for Quantum Applications (submission open, deadline Mar. 28, 2022)

8. Other business and adjournment

Luca highlighted the upcoming periodic ONTC recertification. He has provided document to highlight ONTC related contributions through link provided through e-mail (due date Dec. 8, 2021)

9. Farewell from Luca Valcarenghi

“Dear All, my term as ONTC chair is close to its end. Thanks a lot for your support during these difficult times. I wish ONTC a bright restart with the new ONTC chair Zuqing Zhu, the new ONTC co-chair Elaine Wong and the new, to be elected, ONTC secretary.”

For Luca, his highlights were the reintroduction of Frontiers in Research talks - more science at the ONTC meetings, but the low points were the loss of Malathi and Jane, COVID-19 and the fading attention/interest for optics (or ONTC) by ComSoc.

Zuqing Zhu, Elaine Wong and Vincent Chan thank Luca for his tenacity and leadership for the past two years.

Attendees

Name
Luca Valcarenghi
Zuqing Zhu
Vincent Chan
Deep Medhi
Koteswararao Kondepu
Luca Valcarenghi
Lena Wosinska
Paolo Monti
Filippo Cugini
Maite Brandt-Pearce
Imran Shafique Ansari
Reza Nejabati
Yusuke Hirota
Elaine Wong
Andrea Bianco
Suresh Subramaniam
Cyn Sikora
Fen Zhou
Marco Ruffini
Nelson Fonseca
Pascal Lorenz
Krzystof Walkowiak
Srikanth Ramamurthy

Rentao GU
Ezi Donzal
Elaine Wong