Optical Networking Technical Committee (ONTC) Meeting

Luca Valcarenghi, ONTC Chair
Zuqing Zhu, ONTC Vice Chair
Elaine Wong, ONTC Secretary

Virtual, July 15, 2020
ONTC OFFICERS

- CHAIR: Luca Valcarenghi
- VICE-CHAIR: Zuqing Zhu
- SECRETARY: Elaine Wong
ONTC and SARS-CoV-2

• ONTC supports and sympathizes with the nations that are being severely hit by the virus

• ONTC would like to thank physicians and paramedics for fighting SARS-CoV-2 tirelessly
Welcome and Introductions

Approval of the OFC 2020 ONTC Meeting Minutes

Representation from ONTC within the Conferences Council or the Boards and Standing Committees

Naming ONTC Service Award under Prof. Melathi Veeraraghavan

Frontiers in research and possible plan of action

Conference/Journal Updates

Other Business
Distributed by e-mail
No representation of the optical networking community in the following bodies

- Conferences Council
  - https://www.comsoc.org/about/councils/conferences-council
- Conference Development Board
  - https://www.comsoc.org/about/boards/conference-development-board
- Conference Operations Board
  - https://www.comsoc.org/about/boards/conference-operations-board
- GITC
  - https://www.comsoc.org/about/committees/standing-committees/globecomicc-technical-content-gitc
- GIMS
  - https://www.comsoc.org/about/committees/standing-committees/globecomicc-management-strategy-gims
Proposal to name ONTC Service Award under Prof. Melathi Veeraraghavan that passed away on May 11, 2020

- https://engineering.virginia.edu/faculty/malathi-veeraraghavan-memoriam
AI in optics

Optics for 5G

Optics in satellite
- IEEE ComSoc Technical Committee Meeting on Satellite and Space Communications (SSC) introduced

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Plan
- Collect short talk proposal one month before next meeting
- Setting up an ONTC committee to evaluate proposals (any volunteer?)
- Two short presentations in the next ONTC meeting
ONS Chairs:
- Zuqing Zhu, University of Science and Technology of China (USTC), China
- Roberto Rojas-Cessa, New Jersey Institute of Technology
- Submissions
  - 53 Papers: 24 networks, 29 systems
- Accepted 21
  - 10 networks
  - 11 systems
- Best paper award
  - Yohei Hasegawa; Morihiko Ota; Hidemi Noguchi, “Optical Communication Capacity and Quality to Maximize End-User TCP/IP Throughput”
Globecom 2020

- ONS Chairs:
  - Jiajia Chen (Chalmers University of Technology, Sweden)
  - Abdelmoula Bekkali (KDDI, Japan)
- Submissions
  - 58 Papers: 26 networks, 32 systems
Future OFC/ICC/GC Conferences

- GC 2020, December 7-11, Taipei, Taiwan
  - Jiajia Chen (Chalmers University of Technology, Sweden)
  - Abdelmoula Bekkali (TOYO Electric Corporation)
- OFC 2021, March 28-April 1, San Francisco, CA, USA
- ICC 2021, June 14-18, Montreal, Canada
  - Elaine Wong (University of Melbourne, Australia)
  - Chadi Assi (Concordia University, Canada)
- GC 2021, December 7-11, Madrid, Spain
  - Rudra Dutta, North Carolina State University
  - Mauro Biagi, University of Rome "La Sapienza"
- OFC 2022, March 6-10, San Diego, CA, USA
- ICC 2022, May 16-20, Seoul, Korea
  - Nominations sent
    - Marco Ruffini
    - Guido Maier
- Globecom 2022, December 4-8, Rio De Janeiro, Brasil
Other conferences


- CLEO Pacific Rim 2020, August 2-6, 2020, Sidney, Australia (https://www.cleopr2020.org/)
  - Paper Deadline: 20th March 2020
  - ONTC community may submit to C9: Optical communication systems and networks


Any Other Business (AOB)
SEE YOU (HOPEFULLY) IN TAIPEI !