Announcing a Special Issue of the IEEE/OSA Journal of Lightwave Technology on:

MICROWAVE PHOTONICS

Submission deadline: 15 January 2016 Publication: October 2016

Scope:
This special issue covers all topics in the interdisciplinary field of microwave photonics. Microwave photonics is concerned with the use of photonic devices, systems and techniques for applications in microwave and mm-wave engineering, and also encompasses the development of high-speed photonic components. The field is experiencing a healthy period of growth, driven by the recent interest in integrated microwave photonics and the development of mm-wave photonics for future 5G applications. Topics of interest include (but are not limited to):

• Radio over fiber systems and techniques
• Photonic techniques for microwave signal generation, distribution and processing
• High-speed photonic devices
• Integrated microwave photonics
• Applications to: biomedical engineering, instrumentation, radar, astronomy and other fields.

A portion of this issue will feature expanded versions of accepted papers presented at the 2015 International Topical Meeting on Microwave Photonics (MWP 2015) in Paphos, Cyprus from October 26-29, 2015. This meeting will include a workshop on “Radio-over-fiber for 5G and beyond – will it be digital, coherent or analog?”

A total of 9 invited papers and 1 tutorial reviews are envisaged, and we expect up to 41 regular papers. The page limit for the invited papers will be ten pages, and seven pages for the regular papers. The tutorial reviews will have a limit of 18 pages.

Submissions by website only: http://mc.manuscriptcentral.com/jlt-ieee
Manuscript Type: “MWP2015”
Submission questions: Doug Hargis, Journal of Lightwave Technology d.hargis@ieee.org

The Guest Editors are: Andreas Stöhr, Universität Duisburg-Essen, Dalma Novak, Pharad LLC, Christina Lim, University of Melbourne and Cyril Renaud, University College London.