**EU FP7 Project NAVOLCHI Special Section on Plasmonics Based Components**

**co-located with ICTON 2012**

**July 2 – 5, 2012, Coventry, England**

**The scope of the NAVOLCHI special session is the following:**

To solicit invited and contributed presentations on the emerging topic of plasmonics based components for communication applications. Plasmonics is a relatively new science field that bridges the gap between electronics and photonics and brings out the best of both worlds. Today, electronic circuits are limited in operating speed, while photonic circuits are limited in miniaturization capability. Plasmonics technology is expected to deliver novel chip-scale high-speed and small form-factor VLSI circuits that could be used in communication applications and high performance computing subsystems. Within the special session, all recent research achievements will be reported and the relevant technology approaches that show the greater future potential will be highlighted.

You can submit your contributions to icton@itl.waw.pl by **March 31, 2012,** stating that your submission is for this session.

The ICTON 2012 website is at:
[http://www2.warwick.ac.uk/fac/sci/eng/research/ict/icton2012/](https://db3prd0204.outlook.com/owa/redir.aspx?C=7X1fHnREokuz8sJCz1qBGdBXvXvYuc4I_kmYNrOoZuPue3JV3FoP5kfrF5r80455YNUwReeFDUw.&URL=http%3a%2f%2fwww2.warwick.ac.uk%2ffac%2fsci%2feng%2fresearch%2fict%2ficton2012%2f)

**Organisation Committee**

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| Juerg Leuthold *(Co-Chair)* | *Karlsruhe Institute of Technology, Germany* |
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