

3. URSI Austria Commission Meeting – Graz

10. November, 2014, Hilmwarte

Institute for Microwave and Photonic Engineering

Beiträge der TU Graz in der COST Action

IC1101 und Konferenzorganisation

ICTON 2014 bzw. ConTEL 2015

URSI - B





3. URSI Austria Commission Meeting – Graz

Beiträge der TU Graz in der COST Action
IC1101 und Konferenzorganisation am IHF

Erich Leitgeb / Wolfgang Bösch



**COST Actions IC0802 (beendet 12/2012)
und IC1101**

**Focus on Optical Wireless, Free Space
Optics (FSO), Lichtfunk**

IC0802 IC1101 (gestartet 11/2011)



COST IC1101: Optical Wireless Communications - An Emerging Technology

WG1 (Propagation Modeling and Channel Characterization) will develop, evaluate and validate statistical and empirical channel models for OWC applications and optical bands

WG2 (Physical Layer Algorithm Design and Verification) will provide an information-theoretic framework for OWC and investigate practical algorithms and techniques to approach performance boundaries

WG3 (Networking Protocols) will deal with upper layer protocol stacks and investigate co-existence and interoperability of OWC with other communication networks

WG4 (Advanced Photonic Components) will work on the efficient design, characterization, fabrication and test of state-of-the-art optoelectronic / photonic components and sub-systems for OWC

Konferenzorganisation an der TU Graz seit 2008 am IBK (4410) und seit 2011 am IHF (4510)



The Mediterranean Journals:
- Computer & Networks
- Electronics & Communications

IEEE Communications
Chapter - UK/RI

2008 und 2011 im Bereich Nachrichtentechnik: CSNDSP 08 und die ConTEL 2011



6th Symposium on Communication Systems, Networks and Digital Signal Processing (**CSNDSP 08**), 23-25 July 2008, ca. 250 Teilnehmer

11th International Conference on Telecommunications (**ConTEL 2011**), June 15-17, 2011, *zuvor immer in Zagreb*, ca. 200 Teilnehmer, gekoppelt mit COST IC0802 Meeting und Workshop

Englisch? Unterstützen Sie uns

Institut für Hochfrequenztechnik

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NOC 2013
OC&I 2013

18TH EUROPEAN CONFERENCE ON NETWORK & OPTICAL COMMUNICATIONS
8TH CONFERENCE ON OPTICAL CABLING & INFRASTRUCTURE
JULY 10–12, 2013, GRAZ, AUSTRIA



 **IEEE**
AUSTRIA SECTION

Internet 100%

<http://noc2013.ihf.tugraz.at>

Ca. 150 Teilnehmer in Graz

**Die erste Konferenz am IHF im
Bereich Optical Communications**

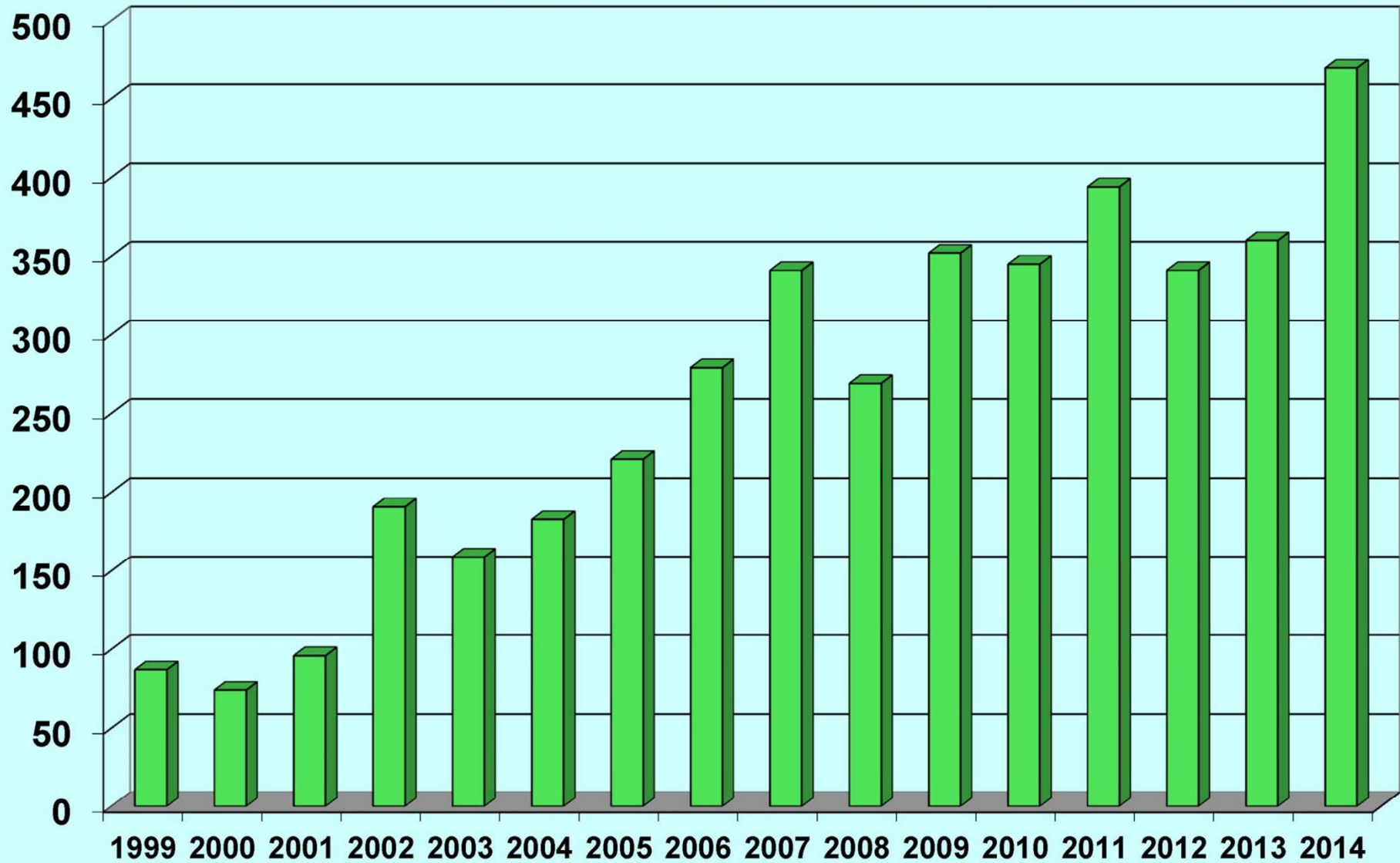
ICTON 2014

International Conference on Transparent Optical Networks

2014 the 2nd conference in the *Optical
Communications* Field in Graz

Fast 500 Teilnehmer (mit COST IC1101 Meeting)!!!!!!

ICTON 1999-2014 Participants



**The 13th International Conference on Telecommunications, ConTEL
2015, Graz, Austria, July 13-15, 2015, *Graz University of Technology***

<http://www.contel.hr/2015/>



ConTEL 2015

**Officially techn. co-sponsored by: Communications
Society – COM; Austria Section COM/MTT Joint
Chapter; Croatia Section COM Chapter**

**ConTEL 2015
wieder in Graz**



2016???

??Kleinheubacher Tagung in Graz??

Erste Ideen mit Prof. Madhu Chandra
und Prof. Wolfgang Mathis (URSI
Deutschland) an diskutiert