

FP7 Marie Curie IRSES Project 318906

Designing Future Optical Wireless Communication Networks

DETERMINE

Sample Knowledge Exchange Activities

[May 2013-June 2014]



- June 1; **DETERMINE begins!**
- Professor Scott Fowler from Linköping University, Sweden, is visits Xi'an Jiao-tong University, China.
- **Professor S. Fowler**, presented at the School of Electronic and Information Engineering of XJTU, China; Titled: Next Generation Networks - Wireless Network



- **Dr. Lei Chen** from Linköping University, Sweden, presented at the School of Electronic and Information Engineering of XJTU, China; Titled: Mathematical Modeling and Optimization for Performance Engineering of Mobile Broadband Networks





- M. Kasembo from Aston University, visits Xi'an Jiaotong University, China.
- Professor Lin Zhang (from Aston University), presented at the Xi'an Jiaotong University, China, to the School of Electronic and Information Engineering on Photonic Technologies at Aston University -- Advanced fibre grating devices and applications.

讲 座 通 知

应电信学院张兴军老师邀请，英国阿斯顿大学张琳教授将于9月5日来我校进行学术交流，并作学术报告，欢迎各位老师同学的参加：

主题: **Photonic Technologies at Aston University
-- Advanced fibre grating devices and applications**

时间: 9月5日上午 10:00 ~ 12:00

地点: 电子与信息工程学院第一会议室 (西一楼 344)



Bio:
Prof Lin Zhang (Ph.D) is the Head of the Department of Electrical, Electronic and Power Engineering and the Deputy Director of AIPT at Aston University. Her research interests are primarily in the field of optical fibre grating devices and applications in optical communications, signal processing, biophotonics, fibre lasers and smart sensing. Her research output so far includes ~400 research papers published in peer-review journals and international conferences.

Abstract:
The talk will give an overview of the research activities of the AIPT with the emphasis on fabrication techniques and sensing applications of advanced optical fibre grating devices created in normal and special optical fibres by UV- and femtosecond-laser inscription. A range of novel optical fibre grating devices and systems based on Bragg, long-period and tilted structures fabricated in D-shape, multi-mode and multi-core fibres will be discussed. The most recent developments in tilted grating based novel polarisation devices and lasers and long-period grating based DNA hybridisation sensors will be reviewed.

- Professor Xingjun Zhang from the Xi'an Jiaotong University, China, is seconded to Linköping University.
- Professor Xingjun Zhang undertakes the organizing duties in APPT 2013, as a member of standing committee (sponsor) of CCF, in Stockholm, Sweden.



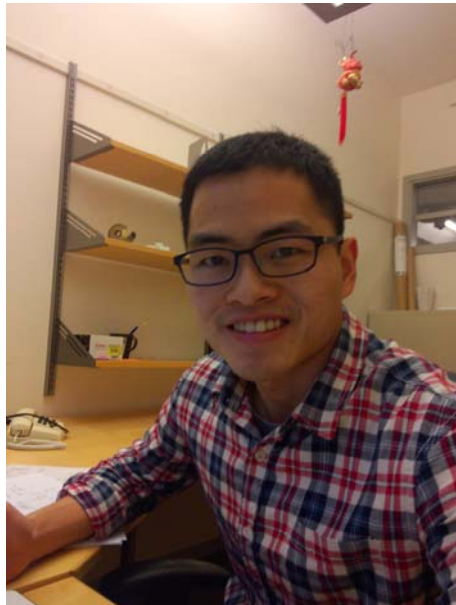


- Professor Xingjun Zhang present information about Xi'an Jiaotong University, China and network coding.
- Professor S. Fowler, gives a talk at the Xi'an University of Posts & Telecommunications about the Next Generation Telecommunication and the FP7 project.





- Song Cen from Xi'an Jiaotong University, China joins Linköping University (LiU), Sweden as guest researcher within the EC-FP7 FP7 Marie Curie project.



- Professor S. Fowler and Yuan Li have a Poster accepted to the SNOW Workshop, titled: Basic Fundamental Optimized Topology Design For Free Space Optical Networks.



- Various partners (Professor K. Blow (Aston University), Professor X. Zhang (Xi'an Jiaotong University) and Professor S. Fowler (Linköping University)) present each other results for the DTERMINE project.





- All the partners after presenting each other results.

