Travel Report
IEEE ComSoc Distinguished Lectureship Tour
Asia-Pacific Region
July 2012

Mischa Dohler
Head of IQe, CTTC
Barcelona

Comsoc kindly sponsored my DLT trip to the Asia-Pacific Region, notably China, where I was kindly welcomed by the following IEEE ComSoc Chapters:
- Shanghai Chapter
- Shenzhen Chapter
- Beijing Chapter

In each of the cities, I gave a lecture of choice, which is summarized below.

1. Shanghai Comsoc Chapter
Host: Prof. Xinwan Li (lixinwan@sjtu.edu.cn)
Topic: The Emerging Paradigm of Femtocells
Date: Monday 23 July 2012
Duration: 2h
Slides: available on http://www.cttc.es/home/mdohler
Audience: 20 staff and students
Comments: The questions and discussions which emerged during and after the lecture were very interesting. I am sure that interesting collaborations will emerge from these discussions. After the talk, I was also invited by Bell Labs Shanghai, where we have had an interesting discussion with about 20 staff members on femto cells, machine-to-machine and 5G system design. (And I had the opportunity to dine with Andrea Goldsmith who was in transit.)

Photos: Thanks to the Shanghai chapter and chair for kindly hosting me!
2. Shenzhen Comsoc Chapter

Host: Prof. Qinyu Zhang (zqy@hit.edu.cn)
Topic: M2M in Smart Grids & Smart Cities
Date: Thursday 26 July 2012
Duration: 1h
Slides: available on http://www.cttc.es/home/mdohler
Audience: 30 staff and students
Comments: We have had an interesting discussion during the lecture, mainly. Notably, our prior paper on whether the PHY Layer is dead has come up repeatedly. Questions related to the future challenges have been very good and I am sure that a lot of collaboration will emerge from this visit.
Photos: Thanks to the Shenzhen chapter and chair for kindly hosting me!

3. Beijing Comsoc Chapter

Host: Prof. Chenyang Yang (cyyang@buaa.edu.cn)
Topic: The Emerging Paradigm of Femtocells
Date: Friday 27 July 2012
Duration: 2h
Slides: available on http://www.cttc.es/home/mdohler
Audience: 20 staff and students
Comments: We have had first a really long lunch where we discussed many emerging technology and research issues in China and worldwide. During and after the lecture, we again had many discussions. After the lecture, I visited the research labs of BUPT where Prof Kan Zheng kindly hosted me, and also introduced me to the new Chapter Chair Prof Xiaofeng Tao; I also had the opportunity to visit the antenna labs of BUPT. Later, I also gave a tutorial at ICT, again follow by discussion. All in all, the Beijing trip helped to strengthen collaborative ties.
Photos: