Schedule for Summer School on GNSS Frontier Technology at Tongji University

Date	Time	Contents
July 27	14:00-17:30	注册 Registration
July 28	09:00-09:40	开幕式 Opening Ceremony and Group Photo
	10:00-12:00	Prof. Yuanxi Yang, Academician in Science；杨元喜 中国科学院院士 TBD
	14:00-17:30	Prof. Naser El-Sheimy, The University of Calgary, Integrated navigation systems: state of the art and future trends（组合导航系统：最新进展与未来趋势）
July 29	08:30-10:30	Prof. Maorong Ge, GFZ；葛茂荣 德国地学研究中心 Towards the multi-system, multi-frequency GNSS data processing（多系统，多频 GNSS 数据处理）
	11:00-12:00	Prof. Qile Zhao, Wuhan University；赵齐乐 武汉大学 An open service for BDS/GNSS precise positioning（北斗/GNSS 精密定位的公开服务）
	13:30-15:30	Prof. Jianguo Wang, York University；王建国 约克大学 What is beyond the system innovation with the error analysis in Kalman filter?
	16:00-17:00	Prof. Xiaohong Zhang, Wuhan University；张小红 武汉大学 PPP and its argumentation（精密单点定位技术及其增强）
July 30	08:30-10:30	Prof. Yang Gao, The University of Calgary；高扬 卡尔加里大学 GNSS augmentation for precise positioning and navigation（精密定位和导航中的 GNSS 增强）
	11:00-12:00	Prof. Yibin Yao, Wuhan University；姚宜斌 武汉大学 Constructing the model series of global weighted mean temperature（全球加权平均温度模型序列的构建）
	13:30-15:30	Prof. Jinling Wang, University of New South Wales；王金岭 新南威尔士大学 GNSS and Inertial Sensor integration（GNSS 和惯导组合）
	16:00-17:00	Prof. Yunbin Yuan, IGG；袁运斌 中科院测地所 BDS/GNSS based atmosphere monitoring and processing（BDS/GNSS 空间大气效应监测与修正）
July 31	08:30-10:30	Prof. Shuanggen Jin, Shanghai Astronomical Observatory；金双根 上海天文台 GNSS remote sensing: methods and results（GNSS 遥感：方法与结果）
	11:00-12:00	Dr. Guanwen Huang, Chang'an University；黄观文 长安大学 Services of GNSS precise products and its applications（GNSS 精密产品服务及典型工程应用）
	13:30-15:30	Prof. Peiliang Xu, Kyoto University；徐培亮 日本京都大学 Mixed integer linear models: concept, algorithms and applications to GPS ambiguity resolution（混合整数模型：概念，算法与 GPS 模糊度固定的应用）
	16:00-17:00	Prof. Bofeng Li, Tongji University；李博峰 同济大学 Multi-frequency, multi-GNSS precise positioning: theories and methods（GNSS 高精度导航理论与方法）
August 1	08:30-10:30	Prof. Jinling Wang, University of New South Wales；王金岭 新南威尔士大学 GNSS receiver autonomous integrity monitoring（GNSS 接收机自主完备性监测）
	11:00-12:00	Dr. Tianhe Xu, Research Institute of Xi'an SM；徐天河 西安测绘研究所 基于 GNSS 的地球自转参数确定与高精度预报研究进展
	14:00-15:30	Prof. Maorong Ge, GFZ；葛茂荣 德国地学研究中心 GNSS seismology（GNSS 地震学）

BEIDOU/GNSS SUMMER SCHOOL

ON GNSS FRONTIER TECHNOLOGY 2014

北斗/GNSS 卫星导航前沿技术暑期学校

28July-1 August, 2014, Tongji University, Shanghai

同济大学 2014 年 7 月 28-8 月 1 日

BEIDOU/GNSS SUMMER SCHOOL

ON GNSS FRONTIER TECHNOLOGY 2014

The Beidou/GNSS Summer School is part of International Committee on GNSS(ICG) educational program, aiming to promote training of early career researchers and professionals involving research and development and application of Global Navigation Satellite System and Beidou technologies. It is recognized that there is a significant shortage of well-educated and highly-skilled professionals in GNSS and related fields in the Asia-Pacific region.

The objective of the one-week intensive program is to provide a comprehensive overview on selected areas of GNSS theory, hardware, software and applications. The program is open to postgraduates, PhD students, and early career professionals who wish to broaden their GNSS knowledge and discuss with renowned experts in their research directions and their research problems.

Internationally renowned experts are invited to give lectures on several selected topics, covering receiver design, ground-based and space-based augmentation, user precise positioning and integrity algorithms, and processing of multiple GNSS and multi-frequency data. In addition to the overview of state-art advances, each lecture will also introduce their contribution to the field and provide perspectives on research challenges, trend and tangible research topics.

The agenda may also include organized informal presentations by participants and interactions with speakers. Technical visits could also be part of the program.

语言（Language）：
中文或英文（Chinese or English）

参会者（Participants）：
- 硕士/博士研究生（Postgraduate/PhD students）
- 博士后及相关研究研究人员（Post-doctoral researchers）
- 高级工程师（Junior Engineers）
- 其他人员（Any researchers who wish to broaden and enhance their knowledge and skills）

时间： 2014 年 7 月 28 号至 8 月 1 号
Date: 28 July-1 August, 2014
地点： 同济大学测绘与地理信息学院
Venue: College of Surveying and Geo-Informatics, Tongji University, Shanghai, PR of CHINA

免注册费（Free of Registration Fee）
参会人员食宿自理： 建议同济专家楼，干训楼及周边宾馆.
人数限制： 由于参会人数限制在 60 人，建议尽快联系注册（Since the number of participants is limited to 60, early registration is recommended）

组织单位
同济大学（Tongji University）
国际华人 GNSS 协会（CPGPS)
北斗国际交流培训中心（中国卫星导航管理办公室）

承办单位
同济大学地理信息学院（College of Surveying and Geo-Informatics, Tongji University)

组织委员会（Organization Committee）
主席（Chair）：童小华 院长
成员：楼立志，沈云中，陈义，王解先，伍吉仓，姚连璧，胡丛玮，李博峰

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