I. Tentative Program of ICCEM 2017
(Last Updated on January 21, 2017)

Monday

8:30-9:00 Opening Ceremony (Pame Hall)

9:00-10:00 Plenary Session (Pame Hall)

9:00-9:40 "Recent Progress on Optimal-Complexity Digital Beams" Prof. Dr. Jiao (Tsinghua University)

9:40-10:00 "Recent Progress on Optimal-Complexity Digital Beams" Prof. Dr. Zhang (Xidian University)

10:00-10:15 Coffee Break

10:15-11:00 "Three-Dimension Array" Lihuan Sun, Dehua Li, Zhiwei Ding and Chuang Yang (School of Electronic Engineering, Beijing Institute of Technology, P.R. China)

11:00-11:20 "Frequency Tunable Antennas Based on Innovative Materials" Prof. Dr. Huitema and Prof. Dr. Crunteanu (Laboratory of Electromagnetism, France)

11:20-11:40 "Low-RCS Frequency Reconfigurable Antenna with Phase Tunable Reflector" Prof. Dr. Long and Prof. Dr. Jiang (Xidian University, People's Republic of China)

11:40-12:00 "Optical Beam Switching Technology" Prof. Dr. Kamitani (Yamagata University, Japan)

12:00-13:30 Lunch

13:30-14:35 Keynote Speech (Pame Hall): "Solving Complex Electromagnetic Problems on Supercomputers using a Parallel Higher-Order Method of Moments with a Reduced Communication LU (RCLU) Solver" Prof. Dr. Tapan K. Sarkar (Syracuse University), "Computational Electromagnetics in Complex Linear Media with the TLM Method" Prof. Dr. Michel M. Ney (Telecom Bretagne Institute), "Computational Electromagnetics in Complex Linear Media with the TLM Method" Prof. Dr. Takanori Fujita (The University of Electro-Communications, Japan)

14:35-15:15 "Mathematical Models of Coupled Circular-Disk-Cylinder Silver Nanowires Perturbed by Gaps and Air" Jun-Wei Zhang, Defang Chen and Tao Li (Nanjing University, People's Republic of China)

15:15-16:00 "Propulsion of Nanojets in a Single-Cylinder Plasma Thruster" Prof. Dr. Shao (Dalian University of Technology, People's Republic of China)

16:00-16:30 "Three-Dimension Array" Lihuan Sun, Dehua Li, Zhiwei Ding and Chuang Yang (School of Electronic Engineering, Beijing Institute of Technology, P.R. China)

16:30-17:15 "Frequency Tunable Antennas Based on Innovative Materials" Prof. Dr. Huitema and Prof. Dr. Crunteanu (Laboratory of Electromagnetism, France)

17:15-18:00 "Low-RCS Frequency Reconfigurable Antenna with Phase Tunable Reflector" Prof. Dr. Long and Prof. Dr. Jiang (Xidian University, People's Republic of China)

18:00-20:30 Enthusiastic Welcome Banquet (Pame Hall)

Tuesday

9:00-10:00 Plenary Session (Pame Hall)

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18:00-20:30 Enthusiastic Welcome Banquet (Pame Hall)
Session Session 1: "Keynote Speech (Parea Hall):" 10:40-11:00 "Electromagnetic Energy Accumulation in Resonant Cavities in Photonic Crystals" Yuriy Sirenko (Institute for Radiophysics and Electronics (IRE NASU), Ukraine & L. Gumilyov Eurasian National University, Kazakhstan); Nataliya Yashina (Institute for Radiophysics and Electronics (IRE NASU), Ukraine & C. W. Chang, Institute of Electro-Optical Engineering, National Chiao Tung University, Taiwan); J. B. Pendry (Imperial College, London, UK). 11:20-11:40 "Compact Range Communication for 60 GHz Integrated 5G Heterogeneous Networks and Fast Estimation of Shadowing Effects by Modified Edge Representation (MER)" Prof. Makoto Ando (Tokyo Institute of Technology). 11:40-12:00 "Receiver Localization for a Wireless Power Transfer System with a 2D Relay Antenna" Hiroshi Hirayama (Nagoya Institute of Technology, Japan) 11:40-12:00 "Inverse Problem of Spotting立志 to find hidden defects in magnetic materials" Qianping Wang and Yu Liu (Institute of Electronics, Chinese Academy of Sciences, Beijing, China). Coffee Break 12:00-12:20 Poster Session (нее Time) 

14:15-15:15 "Stochastic Approaches to Passive Bistatic Radar Using DTTB Signal Delays" Jui-Han Lu, Hai-Ming Chin and Zi-Wen Lin (National Kaohsiung Marine University, Taiwan) 12:00-12:20 "WWAN Antenna for Handset Application" Shun-Yun Lin and Ming-Hong Chen (Cheng Shiu University, Taiwan)

14:15-15:15 "A Low Profile Filtering Antenna Based On Metasurface" Pengfei Hu and Yongmei Pan (South China University of Technology, P.R. China) 16:35-16:55 "A Wideband Antenna Using Magneto-electric Curved Strip Dipole" Panhatai Saetia, P. Krachodnok and Rangsan Wongsan (Suranaree University of Technology, Thailand)

14:15-15:15 "Fourier Transforms on a Sphere for SFS/ISPS/SFS: AMLM Applications" Wen-Yi Ding, Nan-Wei Chen and Song-Qiu Guo (Southern Taiwan University of Science and Technology, Taiwan) 15:35-15:55 "An Application of Global Optimization Using Interval Analysis to Reconstruction of a 2D Discharge Caused in the Vicinity of a Complex Electronic System" Petr Janicek (University of Pardubice, Czech Republic); Takayuki Ishibashi (Nagaoka University of Technology, Japan)


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Poster Session:

1. **Tuning Space Mapping with Tuning Exponent of ABCD-Matrix**
   - Bo Zhou (Nanjing University of Posts and Telecommunications, P.R. China);
   - Chonghu Cheng and Liwei Yan (Nanjing University of Posts and Telecommunications, P.R. China);
   - Qianjian Li (Nanjing University of Posts and Telecommunications, P.R. China);
   - Na Zhou, Sizheng Li and Zhengrong Song (Nanjing University of Posts and Telecommunications, P.R. China)

2. **Bandpass Quadrature Coupler based on Dual Mode Dielectric Resonators**
   - Yong Xuan Zheng (Sun Yat-Sen University, P.R. China);
   - Shao Yong Zheng (Sun Yat-sen University, P.R. China);
   - Yunliang Long (Sun Yat-Sen University, P.R. China)

3. **Practical Approaches to improve Multiple Antenna Isolation and Antenna Gain for compact Internet of Things and Machine to Machine Wireless Communication Devices**
   - Siow Lau (Temasek Polytechnic, Singapore)

4. **Investigation of Higher-Order Mode Proportions in Propagation Mode in Miter Bend**
   - Yoshihisa Fujita (National Institute of Technology, Hakodate College, Japan);
   - Soichiro Ikuno (Tokyo University of Technology, Japan);
   - Hiroaki Nakamura (National Institute for Fusion Science & Nagoya University, Japan)

5. **Rectification Circuit Design Based on Single Wire Energy Transmission Technology**
   - Shangkun Ge (South University of Science and Technology of China, P.R. China);
   - Louis Liu (Southern University of Science and Technologies, P.R. China);
   - Zheng Gong, Qingfeng Zhang and Yifan Chen (South University of Science and Technology of China, P.R. China)

6. **High Directional Compact Array Antennas for Multiple Access**
   - Shao-Chun Liao (National Chiao Tung University & NCTU, Taiwan);
   - Sung-Jung Wu (National Chiao Tung University, Taiwan);
   - Keng-Hsien Chen and Jenn-Hwan Tarng (National Chaio Tung University, Taiwan)

7. **Wideband Inverted L-shaped Dielectric Resonator Antenna For Medical Application**
   - Pavinee Suwanta, P. Krachodnok and Rangsan Wongsan (Suranaree University of Technology, Thailand)

8. **Meshless Approach for Solving Internal and External Boundary Value Problems**
   - Ayumu Saitoh, Teruou Takayama and Atsushi Kamitani (Yamagata University, Japan)

9. **Design of High Efficiency Rectifier operating at 2.4 GHz**
   - Xiaosheng Guo (Southern University of Science and Technology, P.R. China);
   - Tongfeng Guo, Yangfan Yu, Xiang Ma and Qingfeng Zhang (South University of Science and Technology of China, P.R. China)

10. **Low-Complexity and High-Accuracy DOA Estimation for Coprime Arrays using Toeplitz Matrices**
    - Anh-Tuan Nguyen, Takashi Matsubara and Takakazu Kurokawa (National Defense Academy, Japan)

11. **E-plane Choke Waveguide Aperture Antenna for Front-fed Parabolic Reflector**
    - Wataru Ichiyama, Kenji Kurokawa and Hideaki Hanai (Kyushu Institute of Technology, Japan)

12. **An Efficient DDM with Adaptive Cross Approximation for Solving Scattering Problems of Electrically Large Platforms**
    - Min-Hao Lu (National Chiao Tung University, Taiwan)

13. **Geomagnetic Induced Current in Power Transformers**
    - Ayumu Saitoh, Teruou Takayama and Atsushi Kamitani (Yamagata University, Japan)

14. **Design of High-band UWB Monopole Metal Film Antenna**
    - Fumiya Iwai (Fukuoka & Kyushu University, Japan);
    - Haruichi Kanaya (Kyushu University, Japan)

15. **Stability analysis of Negative Impedance Converter**
    - Ning Li (Huazhong University of Science and Technology, China)

16. **Demonstration of Electromagnetic Polarization App on iPad**
    - Eng Leong Tan and Ding Yu Heh (Nanyang Technological University, Singapore)