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Program

Keynote: Multiple Access and Power Efficiency in Wireless Communications

Multicarrier and MIMO Communication

Enhanced Spatial Modulation with Multiple Constellations

Chien-Chun Cheng (National Chiao Tung University, Taiwan); Hikmet Sari (Ecole Supérieure d'Electricité (SUPELEC), France); Serdar Sezginer (Sequans, France); Yu T. Su (National Chiao Tung University, Taiwan)
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Sparse Channel Estimation for OFDM-based Underwater Cooperative Systems with Amplify-and-Forward Relaying

Habib Şenol (Kadir Has University, Turkey); Erdal Panayırçı (Kadir Has University, Turkey); Murat Uysal (Ozyegin University, Turkey)
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Relay-Assisted OFDM Transmission for Indoor Visible Light Communication

Refik Çağlar Kizilirmak (KTO Karatay University, Turkey); Murat Uysal (Ozyegin University, Turkey)
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Transmitter-Side Channel Estimation in Magnetic Induction based Communication Systems

Steven Kisseleff (Friedrich-Alexander-University Erlangen-Nürnberg (FAU), Germany); Ian F. Akyildiz (Georgia Institute of Technology, USA); Wolfgang Gerstacker (University of Erlangen-Nürnberg, Germany)
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Optimal Energy-Throughput Efficiency for Magneto-Inductive Underground Sensor Networks

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Özgür Umut Akgül (Istanbul Technical University, Turkey); Berk Canberk (Istanbul Technical University, Turkey)
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Nicolas Boillot (Université de Franche-Comté, FEMTO-ST, Centre National de Recherche Scientifique (CNRS), France); Julien Bourgeois (UFC/FEMTO-ST Institute, France); Dominique Dhoutaut (Université de Franche-Comté, France)
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Hasan Anıl Akyıldız (Istanbul Technical University, Turkey); Beste Akkuzu (Istanbul Technical University, Turkey); Ibrahim Hokelek (TUBITAK BILGEM, Turkey); Hakan A. Çırpan (Istanbul Technical University, Turkey)
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Robert Lübke (Technische Universität Dresden, Germany); Peter Büschel (Technische Universität Dresden, Germany); Daniel Schuster (Technische Universität Dresden, Germany); Alexander Schill (Technische Universität Dresden, Germany)
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Tian Jin (University of Virginia, USA); Chris Tracy (ESnet, USA); Malathi Veeraraghavan (University of Virginia, USA)
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Keynote: Millimeter Wave as a Key New Element in 5G Cellular Networks

mmWave Communication

Employing 60 GHz ISM Band for 5G Wireless Communications

Turker Yilmaz (Koc University & Next-generation and Wireless Communications Laboratory, Turkey); Etimad Fadel (King Abdulaziz University, Saudi Arabia); Ozgur B. Akan (Koc University, Turkey)
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Sooyoung Hur (Samsung Electronics & HQ Korea, Korea); Yeon-Jea Cho (KAIST, Korea); JungAun Lee (KAIST, Korea); Noh-Gyoung Kang (Samsung Electronics, Korea); Jeongho Park (Samsung Electronics, Korea); Howard Benn (Samsung, United Kingdom)

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Philipp F Freidl (Graz University of Technology, Austria); Hasan Khan (Graz University of Technology, Austria); Michael Gadringer (Graz University of Technology, Austria); Wolfgang Boesch (Graz University of Technology & Institute of Microwave and Photonic Engineering, Austria)
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Zhiqiang Liu (National University of Defense Technology, P.R. China); Jingfei Jiang (National University of Defense Technology, P.R. China); Dou Yong (National University of Defense Technology, P.R. China); Rongchun Li (National University of Defense Technology, P.R. China); Song Guo (National University of Defense Technology, P.R. China)
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Ahmad A ElMoslimany (Arizona State University, USA); Tolga M. Duman (Bilkent University & Arizona State University (ON LEAVE), Turkey)
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Alexander Trubin (NTUU "Kyiv Polytechnic Institute", Ukraine); Igor Trubarov (National Technical University of Ukraine "Kyiv Polytechnic Institute", Ukraine)
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Channel Coding and Capacity

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Igor Zavadskyi (Kyiv National Taras Shevchenko University, Ukraine); Anatoliy Anisimov (Ukraine, Ukraine)
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Zhanji Wu (BUPT, P.R. China); Yongtao Shi (BUPT, P.R. China); Xiang Chen (Beijing University of Post and Telecommunications, P.R. China); Yongxu Zhu (Institute of Microelectronics of Chinese Academy of Sciences, P.R. China)
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Reza A. Ashrafi (Bogazici University, Turkey); Abdullah Sariduman (Bogazici University, Turkey); Ali E. Pusane (Bogazici University, Turkey)
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Irina Strelkovskaya (ONAT & Institute of Infocommunications and Software Engineering, Ukraine); Irina Solovskaya (ONAT, Ukraine)
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Salah Al-Majeed (Nazarbayev University, Kazakhstan); Martin Fleury (University of Essex, United Kingdom)
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Sergey Bunin (National Polytechnic University of Ukraine "KPI" & Institute of Telecommunications, Ukraine); Kostiantyn Plotnyk (National Polytechnic University of Ukraine "KPI", Ukraine)
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Mikhail Protsenko (Odessa National Academy of Telecommunications, Ukraine); Irina Rozhnovskaya (Odessa National Academy of Telecommunications, Ukraine); Andrii Iaremenko (Odessa National Academy of Telecommunications, Ukraine)
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Ermanno Lorenzo Guardo (DIEEI – University of Catania, Italy); Giacomo Morabito (University of Catania, Italy); Girolamo Catania (Selex ES SPA, Italy); Agatino Mursia (SELEX Communications Spa, Italy); Ferdinando Battiati (Esercito Italiano, Italy)
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A Relay-Based Coverage Area Model for Optimal Connectivity in Vehicular Networks

Kubra Ayvaz (Istanbul Technical University & Faculty of Computer and Informatics, Turkey); Ercan Kurtarangil (Istanbul Technical University, Turkey); Berk Canberk (Istanbul Technical University, Turkey)
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On adding the social dimension to the Internet of Vehicles: friendship and middleware

Alessandro Floris (University of Cagliari, Italy); Roberto Girau (University of Cagliari, Italy); Michele Nitti (University of Cagliari, Italy); Luigi Atzori (University of Cagliari, Italy)
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Jose Saldana (University of Zaragoza, Spain); Gustavo Marfia (Università di Bologna, Italy); Marco Rocchetti (University of Bologna, Italy)
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Tugrul Murat Mutlu (Istanbul Technical University, Turkey); Berk Canberk (Istanbul Technical University, Turkey)
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Alican Gok (Bogazici University, Turkey); Mutlu Koca (Bogazici University, Turkey)
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Markus Klügel (Technische Universität München, Germany); Wolfgang Kellerer (Technische Universität München, Germany)
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Mykhailo Klymash (Lviv National Polytechnic University, Ukraine); Bohdan Strykhalyuk (Lviv National Polytechnic University, Ukraine); Mykola Beshley (Lviv Polytechnic National University, Ukraine); Taras Maksymyuk (Lviv Polytechnic National University, Ukraine)
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Dmytro Halushko (National Technical University of Ukraine "Kyiv Polytechnic Institute", Ukraine); Sergey Fedorovich Telenik (National Technical University of Ukraine, Germany); Oleksandr Rolik (National Technical University of Ukraine "Kyiv Polytechnic Institute", Ukraine); Andrii Pysarenko (National Technic University of Ukraine "Kyiv Polytechnic Institute", Ukraine); Iaroslav Dorogyi (National Technical University of Ukraine "Kyiv Polytechnic Institute", Ukraine); Maksym Bukasov (National Technical University of Ukraine "Kyiv Polytechnic Institute", Ukraine)
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Towards Dispersed Cloud Computing

Josef Spillner (Technische Universität Dresden, Germany); Alexander Schill (Technische Universität Dresden, Germany)
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WiP - Miscellaneous Topics

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Maksym Kolomytsev (National Technical University of Ukraine "Kyiv Polytechnic Institute", Ukraine); Anatoly Lipatov (National Technical University of Ukraine "KPI", Ukraine); Yurii Syniepol'skyi (National Technical University of Ukraine "KPI", Ukraine)
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David Seebacher (Graz University of Technology, Austria); Christian Schuberth (Infineon Technologies Austria AG, Austria); Peter Singerl (Infineon Austria, Austria); Michael Gadringer (Graz University of Technology, Austria); Wolfgang Boesch (Graz University of Technology & Institute of Microwave and Photonic Engineering, Austria)
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Big Data Search for Environmental Telemetry

George Suciu (Politehnica University of Bucharest & BEIA Consult International SRL, Romania); Adelina Ochian (BEIA / UPB, Romania); Octavian Fratu (University Politehnica of Bucharest, Romania); Victor Suciu (BEIA / UPB, Romania)
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