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Program

Mo-1: Dan Costello (Invited Speaker)

Randomly Punctured Spatially Coupled LDPC Codes

David G. M. Mitchell (University of Notre Dame, USA); Michael Lentmaier (Lund University, Sweden); Ali E. Pusane (Bogazici University, Turkey); Daniel J. Costello, Jr. (University of Notre Dame, USA)
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Mo-2: Coded Modulation

Design of Systematic GIRA Codes for CPM

Tarik Benaddi (IRIT & CNES, France); Charly Poulliat (INP - ENSEEIHT Toulouse, France); Marie-Laure Boucheret (University of Toulouse IRIT Enseeiht, France); Benjamin Gadat (Thales Alenia Space, France); Guy Lesthievent (CNES, France)
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A Low Complexity Iterative Soft Detection for Bit Interleaved Coded CPM

Malek Messai (Télécom Bretagne, France); Karine Amis (Institut TELECOM ; TELECOM Bretagne & Université européenne de Bretagne, France); Frédéric Guilloud (Institut Telecom - Telecom Bretagne, France)
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Improved Performance of Coded OFDM-MFSK Using Combined Alphabets and Extended Mapping

George Yammine (Ulm University, Germany); Eva Peiker-Feil (University of Ulm, Germany); Werner G. Teich (Ulm University, Germany); Juergen Lindner (Uni Ulm, Germany)
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Advanced Hardware Architecture for Soft Decoding Reed-Solomon Codes

Stefan Scholl and Norbert Wehn (University of Kaiserslautern, Germany)
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Yannick Saouter (Ecole Nationale Supérieure des Télécommunications de Brest, France)
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Hsiu-Chi Chang and Hsie-Chia Chang (National Chiao Tung University, Taiwan)
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Moritz Beermann and Florian Wickert (RWTH Aachen University, Germany); Peter Vary (RWTH Aachen, Germany)
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Shu Lin (UC Davis, USA); Qiuju Diao (University of California, Davis, USA); Ian Blake (University of British Columbia, Canada)
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Message passing algorithms on dense graphs
Andrea Montanari (Stanford University, USA)

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Variational Message Passing Without Initialization Using A Free Energy Constraint

Murthy V.R.S. Devarakonda (Consultant, India)
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Approximation of Activation Functions for Vector Equalization based on Recurrent Neural Networks

Mohamad Mostafa (Deutsches Zentrum für Luft- und Raumfahrt (DLR), Germany); Werner G. Teich (Ulm University, Germany); Juergen Lindner (Uni Ulm, Germany)
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Pablo M. Olmos (Universidad Carlos III de Madrid, Spain); David G. M. Mitchell (University of Notre Dame, USA); Dmitri Truhachev (University of Alberta, Canada); Daniel J. Costello, Jr. (University of Notre Dame, USA)
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Laurent Schmalen (Alcatel-Lucent, Bell Laboratories, Germany); Kaveh Mahdaviani (University of Toronto & Isfahan Mathematics House, Canada)
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Saeedeh Moloudi and Michael Lentmaier (Lund University, Sweden); Alexandre Graell i Amat (Chalmers University of Technology, Sweden)
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Wei Hou, Shan Lu and Jun Cheng (Doshisha University, Japan)
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Huang Chang Lee, Chung-Chao Cheng and Yeong-Luh Ueng (National Tsing Hua University, Taiwan)
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Elsa Dupraz (ETIS, CNRS, ENSEA, University Cergy-Pontoise, France); David Declercq (ETIS lab. ENSEA/Cergy University/CNRS UMR, France); Bane Vasić (University of Arizona, USA); Valentin Savin (CEA LETI, France)
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Christiane Kameni Ngassa (CEA-LETI, France); Valentin Savin (CEA LETI, France); David Declercq (ETIS lab. ENSEA/Cergy University/CNRS UMR, France)
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Humberto Beltrão Neto and Werner Henkel (Jacobs University Bremen, Germany)
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Anne Savard and Claudio Weidmann (CNRS / ENSEA / University Cergy-Pontoise, France)
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Irina Bocharova (St. Petersburg University of Information Technologies, Mechanics and Optics, Russia); Albert Guillén i Fàbregas (ICREA and Universitat Pompeu Fabra & University of Cambridge, Spain); Boris Kudryashov (St. Petersburg University of Information Technology, Mechanics and Optics, Russia); Alfonso Martinez, Adrià Tauste Campo and Gonzalo Vazquez-Vilar (Universitat Pompeu Fabra, Spain)
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David Tse (Stanford University, USA)

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Fleeting objects, enduring information

Gerard Battail (Ecole nationale supérieure des télécommunications, Paris, (retired), France)
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David Kracht and Steffen Schober (Ulm University, Germany)
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Frank R. Kschischang (University of Toronto, Canada)

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Bouchra Benammar (University of Toulouse/ ENSEEIHT, France); Nathalie Thomas (University of Toulouse, France); Charly Poulliat (INP - ENSEEIHT Toulouse, France); Marie-Laure Boucheret (University of Toulouse IRIT Enseeiht, France); Mathieu Dervin (Thales Alenia Space, France)
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Hasan Abdulkader (University of Toulouse, INPT-ENSEEIHT/IRIT, Toulouse, France., France); Bouchra Benammar (University of Toulouse/ ENSEEIHT, France); Charly Poulliat (INP - ENSEEIHT Toulouse, France); Marie-Laure Boucheret (University of Toulouse IRIT Enseeiht, France); Nathalie Thomas (University of Toulouse, France)
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Flavio Zabini (University of Bologna, Italy); Balazs Matuz (German Aerospace Center (DLR), Germany); Gianluigi Liva (DLR - German Aerospace Center, Germany); Enrico Paolini and Marco Chiani (University of Bologna, Italy)
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Rami Cohen (Technion - Israel Institute of Technology, Israel); Yuval Cassuto (Technion, Israel)
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Juane Li (University of California at Davis, USA); Keke Liu (Department of ECE, University of California, Davis, USA); Shu Lin (UC Davis, USA); Khaled Abdel-Ghaffar (University of California, USA)
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Ali Haroun (Telecom Bretagne, France); Charbel Abdel Nour (Institut Telecom - Telecom Bretagne, France); Matthieu Arzel (Telecom Bretagne, France); Christophe Jego (IMS CNRS Laboratory & IPB ENSEIRB-MATMECA, France)
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Christoph Rachinger, Johannes Huber and Ralf R. Müller (University of Erlangen-Nuremberg, Germany)
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Vahid Jamali (Friedrich-Alexander-University Erlangen-Nürnberg, Germany); Yasser Karimian (K. N. Toosi University of Technology, Germany); Johannes Huber (University of Erlangen-Nuremberg, Germany); Mahmoud Ahmadian (K N Toosi University of Technology, Iran)
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Zribi Amin (Higher Institute of Communication Technology & Telecom Bretagne, Tunisia); Ramesh Mahendra Pyndiah (Institut Telecom/TELECOM Bretagne, France)
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