

Program Addendum

SIAM Conference on Imaging Science (IS12)

*Changes to the printed program received through **Wednesday, May 16**, are included on this page.*

*Changes received after this date are posted in the registration area under
ON-SITE PROGRAM CHANGES.*

Page #	Day	Session	Time	Description of Change
13	Sun	MS4	9:30 AM	Replacement Talk: Stefan Schiffler replaced by Jan Strehlow, Fraunhofer MEVIS, Germany (<i>formerly in MS14</i>)
13	Sun	MS4	10:00 AM	Replacement Talk: Stefan Kunis replaced by Stefan Heldmann, Fraunhofer MEVIS, Germany (<i>formerly in MS14</i>)
13	Sun	MS4	10:30 AM	New Talk: Henrike Stephani, Fraunhofer Institute for Industrial Mathematics, Germany (<i>formerly in MS14</i>)
13	Sun	MS4	11:00 AM	New Talk: Martin Holler, University of Graz, Austria (<i>formerly in MS14</i>)
14	Sun	MS7	10:00 AM	Replacement Talk: Jing Yuan replaced by Julien Rabin, ENSICAen, France: <i>Approximate Wasserstein Distance for Texture Synthesis</i>
15	Sun	CP3	9:50 AM	Cancellation: Paul Shearer
15	Sun	Prize	1:00 PM	SIAG/IS Prize Lecture: Edoardo Provenzi, Universitat Pompeu Fabra, Spain: <i>A Variational Framework for Perceptual Color Correction</i> (<i>full description on reverse</i>)
17	Sun	MS14	2:00 PM	SESSION CANCELLED: All talks moved to MS4 (Strehlow, Heldmann, Stephani, Holler)
18	Sun	MS17	3:30 PM	New Talk: Hayden Schaeffer, University of California, Los Angeles, USA: <i>A Low Patch-Rank Interpretation of Texture</i>
22	Sun	CP2	4:30 PM	Session Chair: Jue Wang, Union College, USA
22	Sun	CP2	4:30 PM	Cancellation: Frank Filbir
25	Mon	MS30	11:00 AM	Replacement Talk: Pradeep Ravikumar replaced by Aarti Singh, Carnegie Mellon University, USA (<i>formerly in MS52</i>)
25	Mon	MS31	11:00 AM	Replacement Talk: Jing Yuan replaced by Egil Bae, University of California, Los Angeles, USA: <i>Efficient Convex Optimization Algorithms for Parametric Image Segmentation Models</i>
27	Mon	MS34	11:00 AM	Replacement Presenter: Yacov Hel-Or replaced by Hagit Hel-Or, University of Haifa, Israel
28	Mon	PD1	12:00 PM	Replacement Panelist: Fadil Santosa replaced with Aria Abubakar, Schlumberger-Doll Research, USA
30	Mon	MS38	2:30 PM	Replacement Talk: Henri Calandra replaced by Filippo Brogini, Colorado School of Mines: <i>Data-driven Wavefield Reconstruction and Focusing for Laterally-varying Velocity Models: Stationary-phase Analysis and 2D Numerical Examples</i>
30	Mon	MS39	2:00 PM	Replacement Presenter: Mark Neifeld replaced by Amit Ashok, University of Arizona, USA
31	Mon	MS42	2:30 PM	Replacement Talk: Jeremi Darde replaced by Lauri Harhanen, Aalto University, Finland: <i>Convex Source Support in Three Dimensions</i>
34	Mon	MS51	6:00 PM	New Talk: Nuutti Hyvonen, Aalto University, Finland: <i>Inverse Conductivity Problem in the Plane: Uniqueness by Point Measurements</i>
35	Mon	MS52	6:00 PM	New Talk: Aarti Singh moved to MS30, replaced by Arthur Szlam, Courant Institute of Mathematical Sciences, New York University, USA: <i>Talk Title To Be Determined</i>

See reverse for additional changes.

36	Tue	MS54	9:30 AM	Talk Moved: Eric Todd Quinto moved to MS65, replaced by Chandrajit Bajaj from MS65
39	Tue	MS63	9:30 AM	Replacement Presenter: Markus Haltmeier replaced by Housen Li, Max Planck Institute for Biophysical Chemistry, Germany
40	Tue	MS65	3:30 PM	Talk Moved: Chandrajit Bajaj moved to MS54, replaced by Eric Todd Quinto from MS54
42	Tue	MS71	2:30 PM	Replacement Presenter: Luminita A. Vese replaced by Hayden Schaeffer, University of California, Los Angeles, USA
43	Tue	CP7	3:00 PM	Cancellation: Justin Wan
44	Tue	MS72	5:00 PM	Replacement Presenter: Julien Jomier replaced by Will Schroeder, Kitware, Incorporated, USA
44	Tue	MS72	5:30 PM	Replacement Talk: Cameron Neylon replaced by Patrick Vandewalle (<i>formerly scheduled to present at 6:00 PM</i>)
44	Tue	MS72	6:00 PM	Talk Moved: Patrick Vandewalle to present at 5:30 PM
44	Tue	MS74	5:30 PM	Replacement Talk: Eldad Haber replaced by Glenn Easley, System Planning Corporation, USA (<i>formerly in CP11</i>)
45	Tue	MS77	5:30 PM	Replacement Talk: Jing Yuan replaced by Egil Bae, University of California, Los Angeles, USA: <i>Exact Convex Formulations of Image Segmentation Models with Four Regions</i>
46	Tue	CP8	4:30 PM	Session Chair: Andreas Langer, University of Graz, Austria
46	Tue	CP9	5:10 PM	Cancellation: Corina Drapaca
46	Tue	CP10	5:30 PM	Cancellation: Olivier Lezoray
46	Tue	CP10	5:50 PM	Cancellation: Olivier Lezoray
47	Tue	CP11	4:50 PM	Talk Moved: Glenn Easley moved to MS74

SIAG/IS Prize Lecture - A Variational Framework for Perceptual Color Correction

1:00 PM - 1:45 PM

Room: Symphony Ballroom - 3rd Floor

Chair: Christine De Mol, Université Libre de Bruxelles, Belgium

This talk will focus on the development of a computational theory of color correction based on phenomenological perceptual characteristics. After a brief historical introduction, it will be shown how perceptual features can be used to determine a variational framework based on the competence between contrast enhancement and dispersion control. This framework revealed hidden similarities between existing perceptual color correction models and allowed the creation of new ones.

Presenting Author:

Edoardo Provenzi, Universitat Pompeu Fabra, Spain

Co-authors:

Marcelo Bertalmío, Universitat Pompeu Fabra, Spain

Rodrigo Palma-Amestoy, Woodtech Measurement Solutions, USA

Vicent Caselles Costa, Universitat Pompeu Fabra, Spain

End of changes to the printed program received through Wednesday, May 16

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