



Session : Bayesian Source Separation (SPECIAL SESSION)

Time: 08:30 – 10:30

Chairs:

*Kevin Knuth , NASA ;
Ercan Kuruoglu , ISTI–CNR*



INFORMED SOURCE SEPARATION: A BAYESIAN TUTORIAL ([Abstract](#))

Kevin Knuth

(NASA Ames Research Center, United States)



A MEAN FIELD APPROXIMATION APPROACH TO BLIND SOURCE SEPARATION WITH LP PRIORS ([Abstract](#))

Mahieddine M. Ichir (L2S, CNRS–Supélec–UPSUD, France)

Ali Mohammad–Djafari (L2S, CNRS–Supélec–UPSUD, France)

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BLIND SEPARATION OF SPARSE SOURCES USING VARIATIONAL EM ([Abstract](#))

Ali Taylan Cemgil (University of Cambridge, United Kingdom)

Cédric Févotte (University of Cambridge, United Kingdom)

Simon J. Godsill (University of Cambridge, United Kingdom)

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COPING WITH TRIAL-TO-TRIAL VARIABILITY OF EVENT RELATED SIGNALS: A BAYESIAN INFERENCE APPROACH ([Abstract](#))

Mingzhou Ding (University of Florida, United States)
Kevin Knuth (NASA Ames Research Center, United States)
Yonghong Chen (University of Florida, United States)
Steven Bressler (Florida Atlantic University, United States)
Charles Schroeder (Nathan Kline Psychiatric Institute, United States)



MARGINALIZED PARTICLE FILTERING FOR BLIND SYSTEM IDENTIFICATION ([Abstract](#))

Michael Daly (McMaster University, Canada)
Jim Reilly (McMaster University, Canada)

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**BAYESIAN MRF-BASED BLIND SOURCE SEPARATION OF CONVOLUTIVE MIXTURES OF IMAGES
(Abstract)**

Anna Tonazzini
Ivan Gerace

(ISTI- CNR, Italy)
(Università di Perugia, Italy)

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