



Session : Particle Filtering (SPECIAL SESSION)

Time: 08:30 – 10:30

Chairs:

*Simon Godsill , Cambridge University ;
Petar Djuric , SUNY at Stony Brook*



PARTICLE FILTERING FOR QUANTIZED SENSOR INFORMATION ([Abstract](#))

Rickard Karlsson (Linköping University, Sweden)
Fredrik Gustafsson (Linköping University, Sweden)



DECISION FUSION FOR DISTRIBUTED TARGET TRACKING USING COST REFERENCE PARTICLE FILTERING ([Abstract](#))

Petar Djuric (Stony Brook University, United States)
Joaquin Miguez (Universidad Carlos III, Spain)
Monica Bugallo (Stony Brook University, United States)

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SENSOR VALIDATION FOR FLIGHT CONTROL BY PARTICLE FILTERING ([Abstract](#))

Tao Wei (The University of Texas at San Antonio, United States)
Yufei Huang (The University of Texas at San Antonio, United States)
Philip Chen (The University of Texas at San Antonio, United States)



ON THE USE OF PARTICLE FILTERING FOR MAXIMUM LIKELIHOOD PARAMETER ESTIMATION ([Abstract](#))

Olivier Cappé (Centre National de la Recherche Scientifique, France)
Eric Moulines (Ecole Nationale Supérieure des Télécommunications, France)

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ESTIMATION OF TIME-VARYING AUTOREGRESSIVE SYMMETRIC ALPHA STABLE PROCESSES BY PARTICLE FILTERS ([Abstract](#))

Deniz Gencaga (Bogazici University, Turkey)
Ercan E. Kuruoglu (ISTI, CNR, Pisa, Italy)
Aysin Ertuzun (Bogazici University, Turkey)



TRACKING VARIABLE NUMBER OF TARGETS USING SEQUENTIAL MONTE METHODS ([Abstract](#))

William Ng (University of Cambridge, United Kingdom)
Jack Li (University of Cambridge, United Kingdom)
Simon J. Godsill (University of Cambridge, United Kingdom)
Jacó Vermaak (University of Cambridge, United Kingdom)

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