



Session : **Astronomy**
Time: 16:50 – 18:30

Chair: *Jose Luis Sanz , Instituto de Fisica de Cantabria*



THE MEXICAN HAT WAVELET FAMILY. APPLICATION TO POINT SOURCE DETECTION IN COSMIC MICROWAVE BACKGROUND ([Abstract](#))

Francisco Argüeso (Universidad de Oviedo, Spain)
Joaquin
Gonzalez–Nuevo (Universidad de Oviedo, Spain)
Jose Luis Sanz (Instituto de Fisica de Cantabria, Spain)
L. Toffolatti (Universidad de Oviedo, Spain)
P. Vielva (College de France, France)
Diego Herranz (Instituto de Fisica de Cantabria, Spain)
Marcos Lopez–Caniego (Instituto de Fisica de Cantabria, Spain)

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 **LINEAR AND QUADRATIC FUSION OF IMAGES: DETECTION OF POINT SOURCES ([Abstract](#))**

Marcos Lopez–Caniego (Instituto de Fisica de Cantabria, Spain)
Jose Luis Sanz (Instituto de Fisica de Cantabria, Spain)
Diego Herranz (Instituto de Fisica de Cantabria, Spain)
Rita Belen Barreiro (Instituto de Fisica de Cantabria, Spain)
Joaquin Gonzalez–Nuevo (Universidad de Oviedo, Spain)

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WAVELET DOMAIN ASTRONOMICAL MULTIBAND IMAGE FUSION AND RESTORATION USING MARKOV QUADTREE AND COPULAS ([Abstract](#))

Farid Flitti (ISIIT, France)
Christophe Collet (ISIIT, France)
Eric Slezak (Observatoire de la Côte d'Azur, France)



ROBUST MEAN ESTIMATION FOR REAL-TIME BLANKING IN RADIOASTRONOMY ([Abstract](#))

Philippe Ravier (LESI Polytech'Orleans, France)
Cedric Dumez-Viou (Station de Radioastronomie Nançay, France)

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SPECTRAL ESTIMATION OF RADIO ASTRONOMICAL SOURCES CORRUPTED BY DIGITAL MODULATED RADIO FREQUENCY INTERFERENCES ([Abstract](#))

Rodolphe Weber (LESI/Polytech'Orleans, France)
Stephanie Bretteil (LESI/Polytech'Orleans, France)
Noureddine Bouguerriou (LESI/IUT Chartres, France)

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