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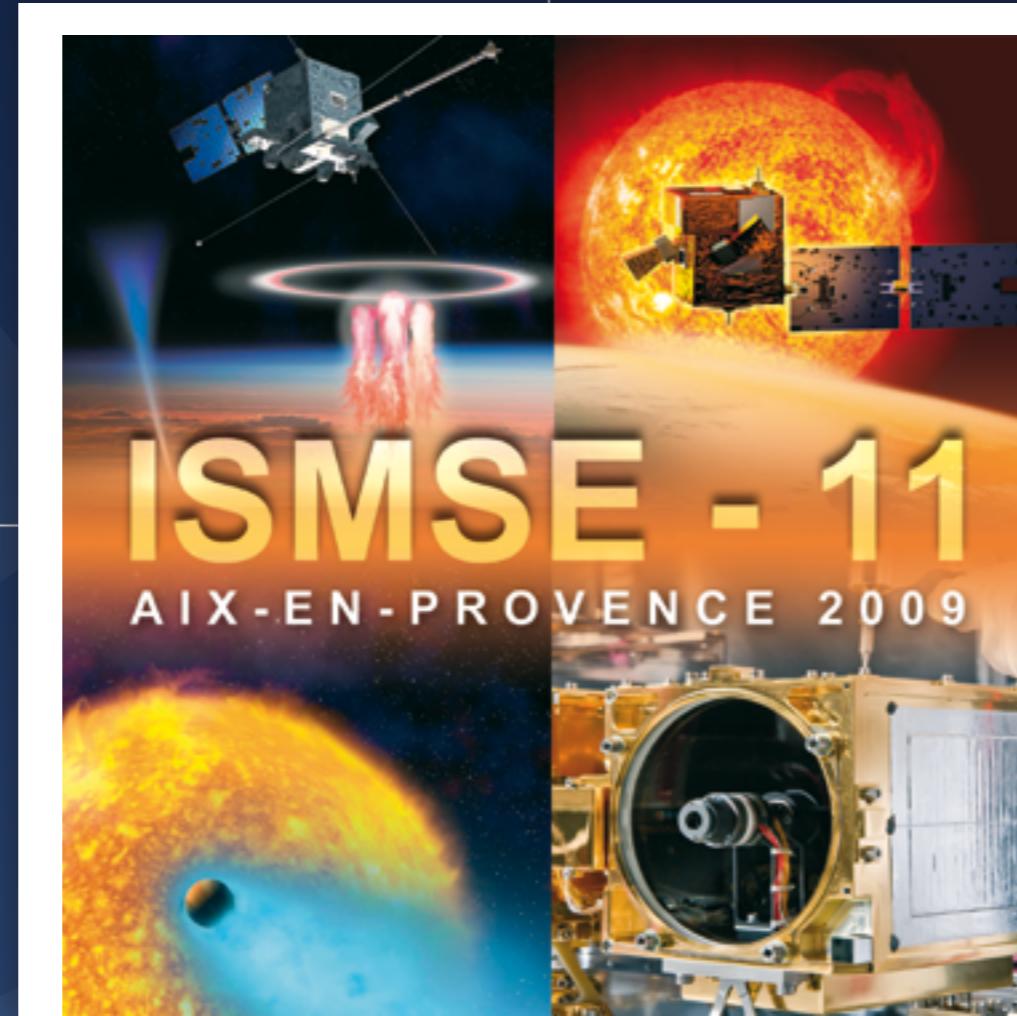
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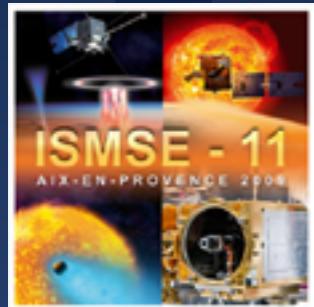
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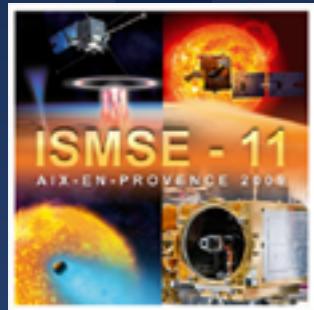
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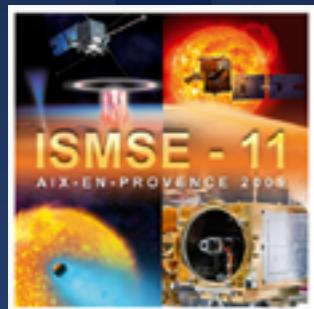
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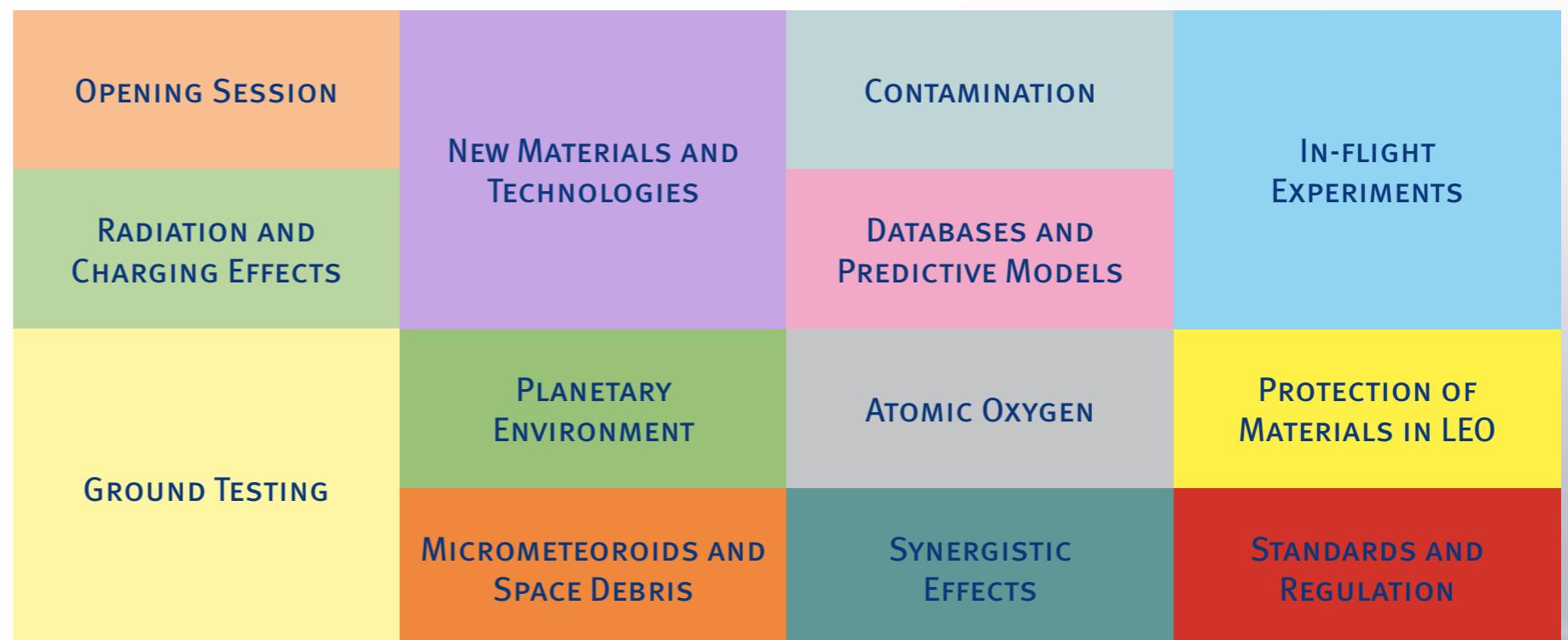


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ASTRIUM Satellite Multisite Application of Material Technological Board : Commission for Technologies and Materials (CTM)

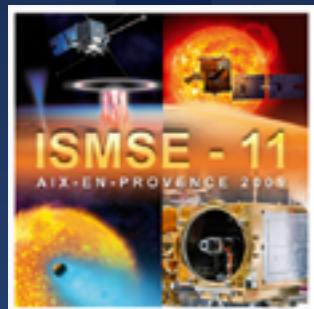
C. Puig, I. Mc Nair - EADS ASTRIUM

A New Frontier for Contamination: Reaching the Molecules

M. van Eesbeek - ESA/ESTEC

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J. F. Roussel, T. Tondu - ONERA



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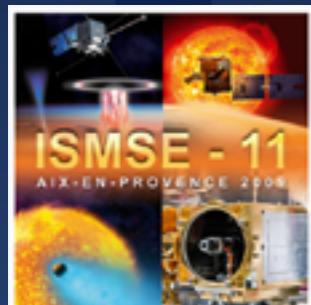
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Degradation of Thermal Control Film for ASTRO-G Satellite under Electron and Proton Irradiations

*M. Iwata - Kyushu Institute of Technology
S. Tachikawa, A. Ohnishi – Japan Aerospace Exploration Agency*

New Secondary Electron Emission Measurement System for the Low Primary Electron Energy

*H. Miyake - Musashi Institute of Technology
K. Nitta – Japan Aerospace Exploration Agency (JAXA) ; Y. Takeda, Y. Hagiwara – Advanced Engineering ServicesCo Ltd ; S. Michizono, Y. Saito – High-Energy Accelerator Research Organization (KEK)*



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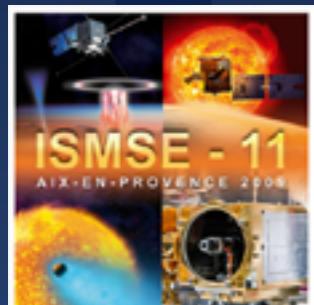
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K. Rasmussen, G. Grampp - Graz University of Technology ; M. van Eesbeek, T. Rohr - ESA/ESTEC

Complex Influence of Space Environment on Optical Properties of Thermal Control Coatings

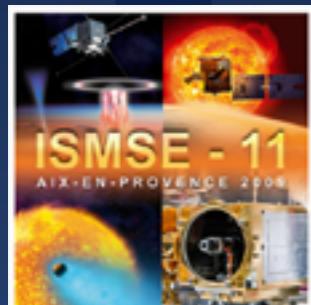
A.V. Grigorevskiy, A.N. Galygin - JSC «Composite» ; L. S. Novikov - Institute of Nuclear Physics of Moscow State University ; S.A. Khatipov - Moscow Engineering Physics Institute
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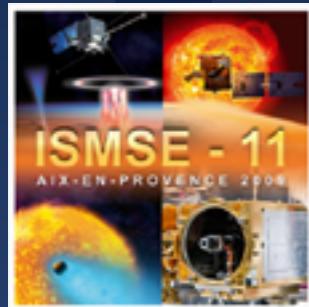
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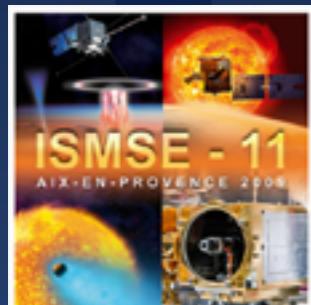
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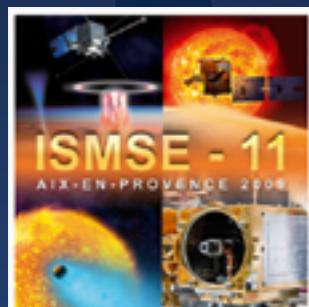
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*V.P. Laricheva – FSUE “Karpov Institute of Phy-
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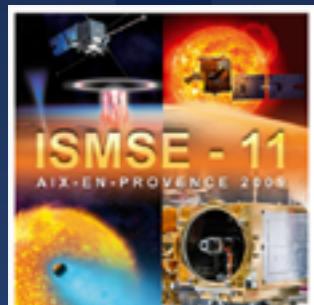
*R. Orrù, R. Licheri, C. Musa, G. Cao - Univer-
sity of Cagliari*

Thermal Performance of SWCNT-Networked Thin Film Deposited on Space Materials

*D.W. Kim - Pusan National University
W.J.Kim, S.M. Lee, Y.H. Kim – Seoul National
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grity Testing Laboratory Inc.*

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*H.G. Seidel, B. Graf, N.T. Nguyen - Thales
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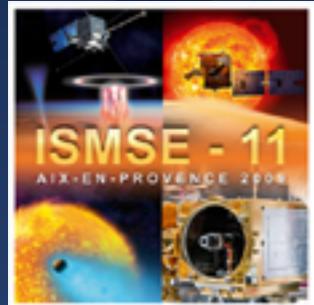
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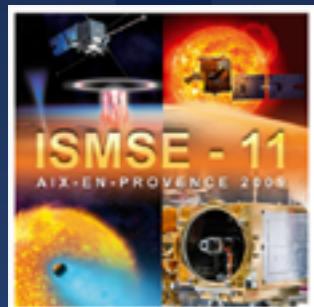
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A. Brill – Rafael
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*N.D. Semkin, K.E. Voronov, A.V. Pijakov, M.P.Kalaev - Samara State Aerospace University
L.S. Novikov – Skobeltsyn Institute of Nuclear Physics of Moscow State University*



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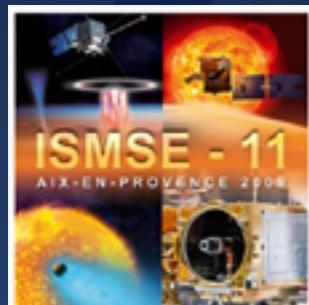
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Dynamic Outgassing Testing: a Revisited Mathematical Approach

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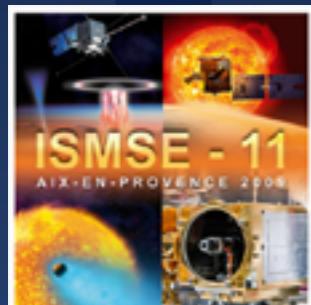
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R.H. Khasanshin, A.V. Grigorevskiy, A.N. Gal'ygin - Joint-stock company « Kompozit »
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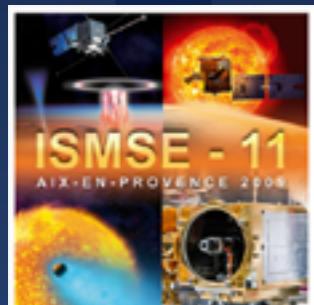
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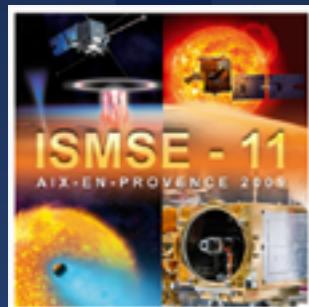
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*D. L. Waters - ASRC Aerospace/NASA Glenn
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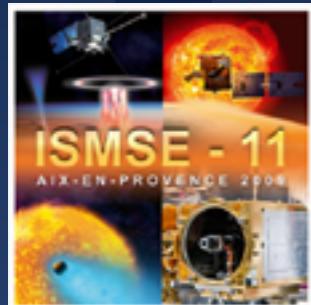
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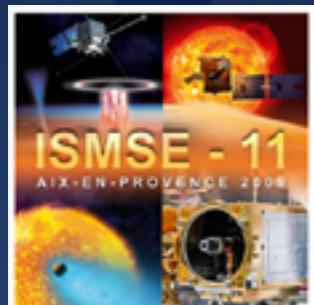
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*H. Fischer - TNO Science & Technology
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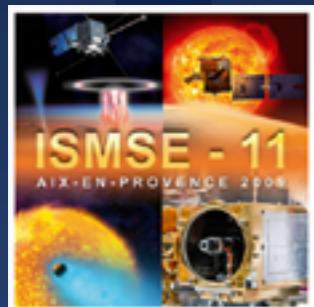
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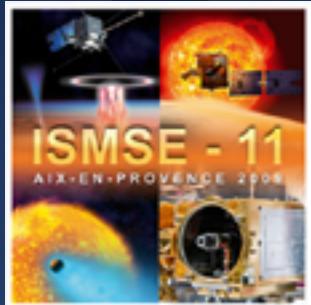
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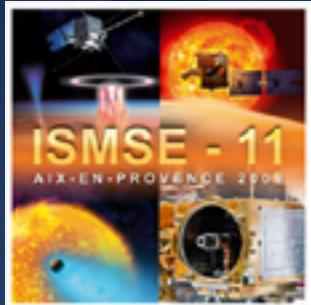
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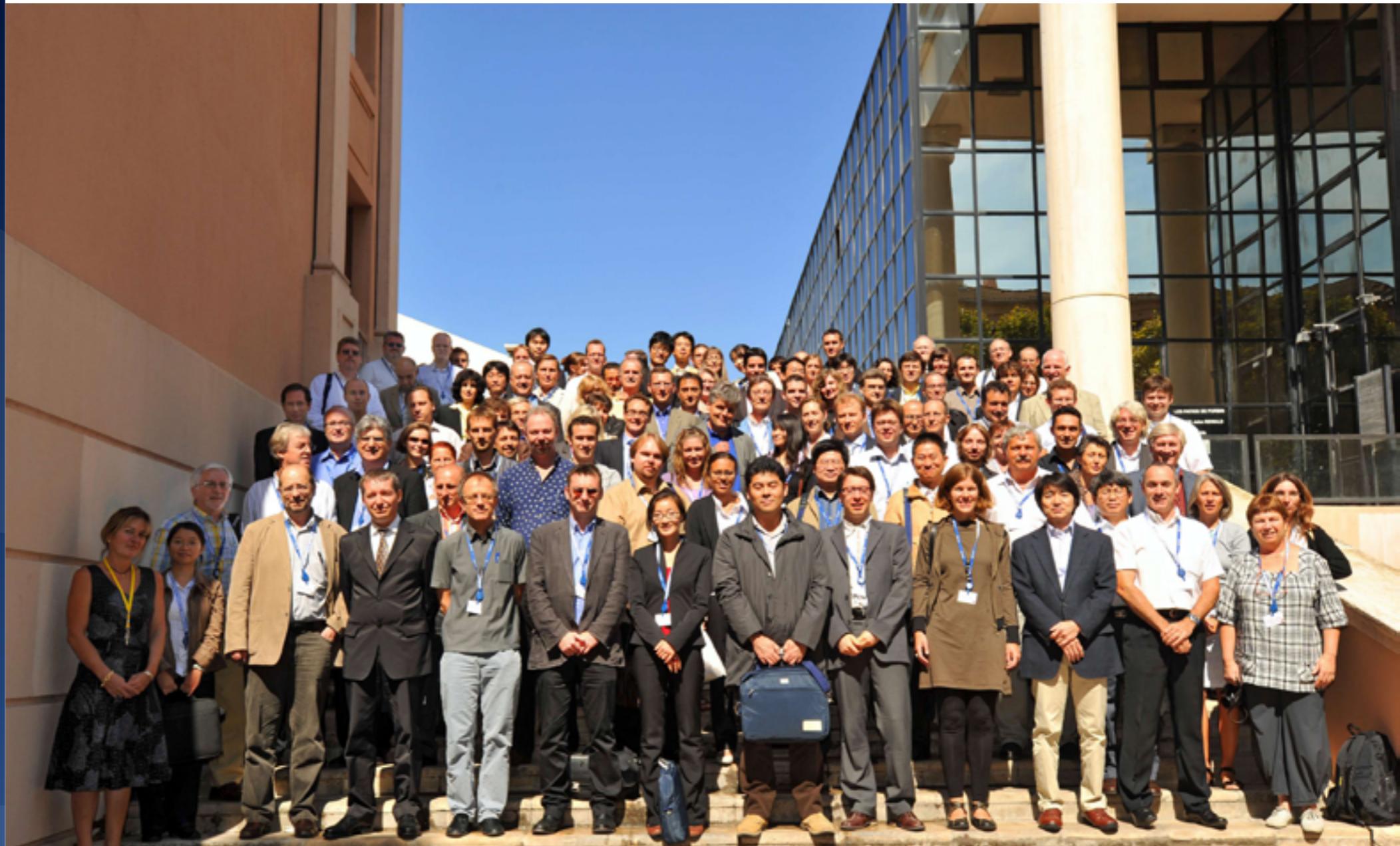
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