

	Design and measurement of radiowave transmissive thermal control mirror
14:40 – 15:00	K. Tomioka - Keio University S. Tachikawa, K. Kawahara - JAXA Y. Nagasaka - Keio University
	Stabilization to UV of polysiloxanes in geostationary environment
15:00 – 15:20	M. Planes - LCPO/CNES/ONERA S. Carlotti - LCPO S. Remaury - CNES S. Lewandowski - ONERA S. Sole – MAP
	Development of nano-hybrid transparent polymer films
15:20 – 15:40	V. Liedtke, L. Baca, N. Stelzer - Aerospace & Advanced Composites GmbH J. Eck, D. Lavielle - TRAD T. Rohr – ESTEC
15:40 – 16:00	Short poster introductions: new M&P
16:00 – 16:20	COFFEE BREAK

16:20 **CONTAMINATION ROUND TABLE and POSTER SESSION 2 in parallel**

NEW M&P

Materials characterisation of ALTA white paint coatings for small Geo mission

C. Mooney, J. Williamson, C. Semprimoschnig – ESA

The feasibility study of thermo-chromic paints for space usage as thermal control materials

M. Iwata, H. Ishihara - Kyushu Institute of Technology

A. Hasegawa - PILOT Corporation / Y. Shibahashi - The PILOT Ink Co. Ltd.

Development of space-qualified photocurable silsesquioxane-coated polyimide films

Y. Kimoto - JAXA

T. Fujita, N. Furuta, A. Kitamura, H. Suzuki - Toagosei Co., Ltd. / J. Ishizawa – JAXA

A black thermal control surface for the Solar Orbiter

B. Twomey - Enbio

K. Doherty - University College Dublin / S. McGlynn, J. Carton – Enbio / A. Norman – ESA / T. McCaul - Airbus

K. Stanton - University College Dublin

Enhancement of conductive lubricant films with CNT in space environment

K. Matsumoto, Y. Ohkawa - JAXA

M. Kawamura - Kawamura Research Laboratories, Inc.

Qualification of low and high emissivity coatings for performance enhancement of Sentinel 4

M. Pitzing, M. Graupner - Jena-Optronik

K. Shabtai, D. Katsir - Acktar Ltd.

Novel high specific stiffness materials for space applications

G. Mozdzen, M. Scheerer - Aerospace & Advanced Composites GmbH

A. Norman - ESA-ESTEC / E. Neubauer - RHP-Technology GmbH / H.G. Wulz - RTBV GmbH / A. Merstallinger, V. Liedtke -

Aerospace & Advanced Composites GmbH

A structural and thermal evaluation of a CFRP material using K13C2U high thermal conductivity pitch fibre

T. McCaul, K. Hassell - Airbus Defence and Space Ltd.

Organic semiconducting single crystals for a novel generation of large area, low-weight, room temperature radiation detectors

B. Fraboni, A. Ciavatti, L. Basirico – Dpt. of Physics and Astronomy – Univ. of Bologna

A. Fraleoni-Morgera – Dpt. of Engineering and Architecture – Univ. of Trieste

Space FML, a new family of space materials - Properties and performances of GLARE 1

J.W. Gunnink, J. Homan, P. Brand, J. Frudiger - GTM Advanced Structures

A. Tesch, T. Ghidini - ESA-ESTEC

Innovative silicone adhesives for process improvements

N. Zambon, J. Nguyen, V. Malave - NuSil Technology