

CSM Workshop Meeting

Outgassing of clean room suitable materials (CSM)

Date: Thursday, 17th February 2011, from 10:00 to 15:15
Venue: Lounges 2011, Messe Karlsruhe, VIP lounge in Conference Area
Language: Presentations will be in German
Registration: Free of charge but registration is mandatory using following internet page: www.new-lounges.de. Please use the invitation code "IPA2011"

10:00 - 10:30	<p><i>Opening address</i></p> <p>Actual portfolio of the CSM consortium: particle emission, outgassing, chemical and microbiological material requirements, combined with demonstration of CSM-database www.ipa-csm.com</p>	<p>Dr. Udo Gommel Fraunhofer IPA</p>
10:30 - 11:00	<p><i>Background and analytical challenges</i></p> <p>Importance of monitoring out gassing properties from materials – why it needs to be done and what are the implications if not. Acceptable emission levels, target compounds now and how they are expected to change in the future</p>	<p>Markus Keller Fraunhofer IPA</p>
11:00 - 11:45	<p><i>Thermal Desorption</i></p> <p>Approaches and methods for enhanced sensitivity for monitoring out gassing of materials and monitoring clean room air quality using thermal desorption.</p>	<p>Dr. Sabine Altermann MARKES Int.</p>
11:45 - 12:30	<p><i>CSM alliance – Sampling Approaches and results</i></p> <p>Relevant VDI, ISO and other methods for monitoring outgassing from materials and a standardized μCTE method developed by the Fraunhofer IPA for the CSM industrial alliance and obtained results will be discussed.</p>	<p>Markus Keller Fraunhofer IPA</p>
12:30 - 13:30	<i>Lunch Break</i>	
13:30 - 14:15	<p><i>Speciation and Quantification – Gas Chromatography and MS/ FID</i></p> <p>A discussion based on techniques for improving compound separation and quantification using GC/MS/ FID.</p>	<p>Dr. Moritz Hebestreit Agilent Technologies</p>
14:15 – 15:00	<p><i>Manufacturers perspective</i></p> <p>Meeting strategic outgassing requirements – the challenge of new development approach.</p>	<p>Jochen Grötzinger Sika Technology AG</p>
15:00 – 15:15	<i>Discussion session and end of event</i>	
Following	<p>Possibility of bilateral talks at the Fraunhofer IPA presence on the trade fair Lounges 2011.</p>	

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