

14IND13 PhotInd M27 Stakeholder committee meeting

Draft Agenda

Location: METAS, Lindenweg 50, CH-3003 Bern, Switzerland

Information about how to reach METAS is available on the webpage:

<https://www.metas.ch/metas/en/home/metas/standort.html>

5th October 2017 Stakeholder meeting - Also Skype option

12:30 – 12:40	Welcome <ul style="list-style-type: none"> - <i>Introduction of the project PhotInd</i> - <i>Information about the project webpage</i> 	VTT MIKES, CSIC CMI
12:40 – 13:00	WP1: Development of measurement techniques for the characterisation of advanced optical fibres <ul style="list-style-type: none"> - <i>On-line measurement of fibre geometry during the drawing process</i> - <i>Novel methods for fibre dispersion measurement: White Rabbit pulse time stamping, and spatial-spectral interferometry with a SEA TADPOLE interferometer</i> - <i>High power (kW-level) transmission loss and cladding light content measurement</i> 	VTT MIKES & contributing partners
13:00 - 13:20	WP2: Development of metrology for photonic interconnects <ul style="list-style-type: none"> - <i>Launch condition correlation in line with standards</i> - <i>Attenuation measurements on novel OPCB board provided by Seagate across a wide temperature range</i> - <i>Encircled Flux measurements on waveguides and launch conditions</i> - <i>Far field intensity profiles characterised for modified fibre endfaces with axicon lens (follow-up)</i> 	NPL & contributing partners
13:20 – 13:40	WP3: Development of fibre optic measuring instruments and artefacts <ul style="list-style-type: none"> - <i>Fully traceable instrument for the measurement of the Angular Encircled Flux in multimode fiber systems and components</i> - <i>Traceable calibration artefacts for the calibration of high resolution optical reflectometers (OTDR and OLCR)</i> - <i>Reference systems and calibration techniques for distributed and quasi distributed temperature fiber sensors</i> - <i>Fiber coupled absolute primary standard detector for traceable on-site optical power measurements</i> 	METAS & contributing partners
13:40 – 14:00	WP4: Measurement comparisons of the methods developed in WP1-WP3 <ul style="list-style-type: none"> - <i>Intercomparisons of fibre dimension and dispersion measurement, angular flux, fiber-to-chip couplers and OTDR systems.</i> - <i>Open to interested industrial parties.</i> 	CSIC & contributing partners