

# Calibration Workshop for Condensation Particle Counters

September 19-23, 2011 at the GAW-WCCAP in Leipzig, Germany

The World Calibration Centre for Aerosol Physics (WCCAP) kindly invites you to participate in an international calibration workshop for Condensation particle counters.

Our target communities are ranked as listed below:

1. National Metrology Institutes (NMI)
2. Global GAW stations
3. German GUAN stations
4. Regional GAW stations
5. EUSAAR/ACTRIS stations
6. Other institutes and universities

Since the funding of the WCCAP is limited, we would like to ask for a fee as listed in table below. We would also like to limit the calibration workshop to following CPC types:

TSI-3010, TSI-3772, TSI-3025, TSI-3776, TSI-3790, Grimm-5.401, Grimm-5.430

	TSI CPC 3010, 3772, 3790	TSI UCPC 3025, 3776	Grimm 5.401	Grimm 5.430	Optics cleaning (only TSI)	Repair (only TSI)
NMI	1 <sup>st</sup> no fee 2 <sup>nd</sup> 300€	1 <sup>st</sup> no fee 2 <sup>nd</sup> 400€	1 <sup>st</sup> no fee 2 <sup>nd</sup> 400€	1 <sup>st</sup> no fee 2 <sup>nd</sup> 300€	200€	YES, fee depending on repair
G-GAW	1 <sup>st</sup> no fee 2 <sup>nd</sup> 300€	1 <sup>st</sup> no fee 2 <sup>nd</sup> 400€	1 <sup>st</sup> no fee 2 <sup>nd</sup> 400€	1 <sup>st</sup> no fee 2 <sup>nd</sup> 300€	200€	YES, fee depending on repair
GUAN	1 <sup>st</sup> no fee 2 <sup>nd</sup> 300€	1 <sup>st</sup> no fee 2 <sup>nd</sup> 400€	1 <sup>st</sup> no fee 2 <sup>nd</sup> 400€	1 <sup>st</sup> no fee 2 <sup>nd</sup> 300€	200€	YES, fee depending on repair
R-GAW	1 <sup>st</sup> 300€ 2 <sup>nd</sup> 400€	1 <sup>st</sup> 400€ 2 <sup>nd</sup> 500€	1 <sup>st</sup> 400€ 2 <sup>nd</sup> 500€	1 <sup>st</sup> 300€ 2 <sup>nd</sup> 400€	200€	YES, fee depending on repair
EUSAAR/ACTRIS	1 <sup>st</sup> 300€ 2 <sup>nd</sup> 400€	1 <sup>st</sup> 400€ 2 <sup>nd</sup> 500€	1 <sup>st</sup> 400€ 2 <sup>nd</sup> 500€	1 <sup>st</sup> 300€ 2 <sup>nd</sup> 400€	200€	YES, fee depending on repair
Others	1 <sup>st</sup> 400€ 2 <sup>nd</sup> 500€	1 <sup>st</sup> 500€ 2 <sup>nd</sup> 600€	1 <sup>st</sup> 500€ 2 <sup>nd</sup> 600€	1 <sup>st</sup> 400€ 2 <sup>nd</sup> 500€	300€	YES, fee depending on repair

The fees given above are without VAT. During the workshop, we will check the status of the CPC first. After this, we possibly will clean the optics (facultative). We will then determine the detection efficiency curve against the reference CPCs and aerosol electrometer of the WCCAP. A repair of a CPC can only be done afterwards. All CPCs have to be shipped until September 16, 2011 to the WCCAP in Leipzig. Station personnel are invited to participate in the workshop. This is however not mandatory. Please also do not send broken CPCs without informing us before. Please send your application to Alfred Wiedensohler (Head of the WCCAP): [ali@tropos.de](mailto:ali@tropos.de) and Kay Weinhold: [weinhold@tropos.de](mailto:weinhold@tropos.de)