

## Program of the Master Class 2017

**Thursday, Oct. 12: Arrival/Registration from 17.00 - 21.00 (Dinner included)**

**All lectures have duration of ~1.15h + 15min for final extended discussion**

**Friday, Oct. 13:**

08.45-9.00	Introduction to the workshop
9.00-10.30	Plasma surface interactions: overview and focus on negative ion surface production ( <i>Gilles Cartry, Marseille</i> )
10.30-10.45	Coffee break
10.45-12.15	Surface reactions of solids in contact with plasmas by means of particle beam experiments ( <i>Carles Corbella, Bochum</i> )
12.30-13.30	Lunch
13:30-14.30	Electric field, temperature and adsorbed species measurements on surfaces exposed to plasma jets ( <i>Ana Sobota, Eindhoven</i> )
14.30- 15.30	Advantages of sum-frequency generation spectroscopy for plasma/surface interaction understanding ( <i>Vincent Vandalon, Eindhoven</i> )
15:30-15:45	Coffee and biscuits
15:45-16:45	Master Class Poster Session
16.45-17:45	Deterministic and Monte Carlo methods for simulation of plasma-surface interactions ( <i>Daniil Marinov, Leuven</i> )
18.30	Dinner

**Saturday, Oct. 14:**

9.00-10.30	Modelling approaches for plasma/Catalysis interaction' ( <i>Erik Neyts, Antwerpen</i> )
10.30-10.45	Coffee break
10.45-12.15	Plasma interaction with dielectric surfaces and living tissue: effect of surface roughness ( <i>Natalya Babaeva, Moscow</i> )
12.15-12.20	Closure
12.30-13.30	Lunch