

Dear Colleagues,

The indentation conference from the [Groupe Indentation Multi-Echelle \(GIME\)](#) gathers every two years, scientists and industrials concerned by the problems of mechanical characterization of surfaces. In 2018, this conference is organized by Belgian scientists: [ULg](#), [CRM Group](#), [UCL](#) et [UMons](#). It will take place from 11 to 14 September 2018 on the ULg campus at Sart-Tilman in Liège. In line with the 2016 edition, we organize two half-days of training on indentation, preceding the 2-day symposium (see leaflet attached).

The goals of this symposium are to communicate on recent developments in indentation in terms of analysis and simulation, to show the extent of the derived properties and to present indentation applications (fracture, mechanics, constitutive laws, plasticity, fatigue, creep, ...). This will be done by sweeping examples of studies on heterogeneous materials and/or porous ceramic, coated materials or materials with gradient properties.

In general, this conference aims to better understand the indentation, but also to share this great tool for characterizing between the scientific and industrial communities. The conference proposes to be a meeting place for experts of the technics, but also to be accessible to any researcher wishing to start in this field.

You are able to propose a communication from January 2018 until the 6th April 2018. You will find more details on the attached leaflet and on our [website](#).

Do not forget to include this event in your diaries. Hoping to see you in Liège in September 2018.

Best regards,

The organizing committee.

Université de Liège: DUCHENE Laurent, HABRAKEN Anne Marie, MERTENS Anne, RUFFONI Davide, TCHUINDJANG Jérôme Tchoufang.

CRM Group, Liège: LIBRALESSO Laure, MERCIER David.

Université Catholique de Louvain: COLLA Marie-Stéphane, FAVACHE Audrey, PARDOEN Thomas, RYELANDT Sophie.

Université de Mons: BONIN Luiza, VITRY Véronique

AIM, Liège: DELVILLE Michèle, DIZIER Céline

