

**8:50 AM Invited**

**The Italian National Research Council Operations within the EIT Raw Materials Framework:**

*Paolo Dambruoso*<sup>1</sup>; *Salvatore Siano*<sup>2</sup>; *Armida Torreggiani*<sup>1</sup>; *Ornella Russo*<sup>3</sup>; *Vladimiro Dal Santo*<sup>4</sup>; *Stefania Marzocchi*<sup>5</sup>; <sup>1</sup>ISOF-CNR; <sup>2</sup>IFAC-CNR; <sup>3</sup>Library of the Bologna CNR Research Area ; <sup>4</sup>SCITEC-CNR; <sup>5</sup>Library of the Bologna CNR Research Area

The strategy adopted and the results achieved by the Italian National Research Council within the Knowledge and Innovation Community “Raw Materials” of the European Institute of Innovation and Technology (KIC EIT-RM) will be presented in some details. We will focus on activities dedicated to education as well as validation and acceleration actions of the EIT-RM. Regarding the former, will be presented activities tackling the awareness of the citizens on the impact of RMs in our life, guiding pupils toward an informed engagement into RMs university carriers, and lifelong learning of professionals dedicated to methodologies to access, organize and share scientific literature and data. Regarding the validation and acceleration actions, two main activities will be discussed: 1) development of Platinum–Group Metals free catalysts and the corresponding know-how transfer initiative toward ESEE countries; 2) development of novel analytical logging tools and portable devices for real-time compositional analyses based on laser technologies.