

## **Curriculum Vitae**

Dr Somrerik Chandra-ambhorn is currently an associate professor and a head of the high temperature corrosion research centre, department of materials and production technology engineering, faculty of engineering, King Mongkut's University of Technology North Bangkok (KMUTNB), Thailand. His research interest is in the area of high temperature corrosion of steels particularly on the development of SOFC interconnect stainless steels and the control of oxide scale formation in the hot rolling process. His research group has developed the testing methods for high temperature corrosion studies e.g. the experimental set-up to measure Cr vaporisation of the oxidised stainless steel and the adhesion test using the tensile method. For the latter one, he has popularised the so-called Galerie-Dupeux model which is used to quantify the adhesion energy of scale on the metal substrate. His research works have been published in SCI journals including Corrosion Science, Oxidation of Metals, and Journal of Power Sources. Apart from his research career, he has served as a KMUTNB vice president for research and information technology development, and a chairman of research and innovation committee, the Council of University Presidents of Thailand.

Dr Somrerik won BEng and MEng in metallurgical engineering from Chulalongkorn University, and a PhD from Institut National Polytechnique de Grenoble with the "Prix Bodycote-SF2M" (second prize) given by the French Society for Metallurgy and Materials. He was a young Thai metallurgist of the year 2008.