

SEAM SEMINAR SERIES- 2023

TITLE

The Innovation Relevance Indicator (IRI): A Measure for Relevance of Thermal Barrier Coating (TBC) Research to Industry

HYBRID EVENT

VENUE: EN615, Engineering Building, Swinburne University of Technology
Hawthorn

ZOOM: <https://us02web.zoom.us/j/82105121073>

Meeting ID: 821 0512 1073

DATE

Thursday 31 August 2023

TIME

10:30 am to 11:30 am Melbourne Time
11:30 am to 12:00 noon Morning Tea

TALK DETAILS

Thermal barrier coatings (TBC) provide critical thermal protection to aerospace turbine blades. As performance demands increase in the aerospace industry, so has the complexity in the design and manufacturing technology to produce TBCs that meet the requisite expectations that recently includes sustainability goals. This talk will present a study on TBC research papers over the past 40 years (1980-2020) from Scopus, which provide an understanding of the global scientific research in this field.



SPEAKER'S BIO

Professor Khor's research interests are in advanced materials processing; thermal sprayed coatings; spark plasma sintering, nano-bioceramics and nano-composites for artificial cornea implants, orthopaedic and dental implants. He has published over 410 journal and conference papers, and edited several international conference proceedings. He was awarded Fellow of the Australasian Research Management Society (ARMS) in 2017. Fellows of ARMS are recognized as individuals who have made an enduring and substantial contribution to research management as a practitioner, mentor, trainer or advocate in the research management profession. From 2006 to 2016, he served as President of the Institute of Materials (East Asia).