

(Séminaire présenté en collaboration avec les professeurs et les étudiants ayant une expertise en sciences sociales et en génie Groupe de recherche GMT)

## INVITATION

(Entrée libre)



**Titre :** Contractual Issues for BIM-based Construction Projects: An Exploratory Case Study

**Date :** Le jeudi 21 février 2019, 11 h 30 à 12 h 30, salle M-2004 (pavillons Lassonde)

**Invité :** Ahmad Huzaimi Abd Jamil PhD candidate  
Faculty of Technology and Informatics, Universiti Teknologi Malaysia (UTM)

### Résumé

Building Information Modeling (BIM) enables close collaboration among project stakeholders to visualize what is to be built in a simulated environment by identifying any potential design, construction or operational issues. Despite the fact of its well-documented benefits, the extensive integration of BIM throughout the project lifecycle remains sporadic. The conventional contracts used in the Malaysian construction industry were established before the development of BIM. As BIM becoming ingrained in the delivery process, the inadequacies of these existing contracts have become visible. This seminar presents the results of an exploratory case study using Qualitative Content Analysis dedicated to a BIM project and discusses a design and build (D&B) procurement approach of BIM to establish the contractual context by addressing the legal and contractual impediments namely; conditions of contract, intellectual property, liability and interoperability in Malaysian public constructions. This seminar also provides some hints on how and why the implementation of BIM will foster the evolution of integrated contract delivery methods.

Ahmad Huzaimi Abd Jamil is a PhD candidate in Construction Project Management from Razak Faculty of Technology and Informatics, Universiti Teknologi Malaysia (UTM). Ahmad Huzaimi Abd Jamil also holds undergraduate degree in Business Administration Marketing [BBA-Marketing (Hons)] from Universiti Teknologi MARA (UiTM), Malaysia and a Master of Business Administration (MBA) in Technology Management from Universiti Utara Malaysia (UUM) with distinction.

Ahmad Huzaimi research interests are about investigating the various dimensions into building information modeling (BIM) legal and contractual challenges encountered by the various collaborators and contributors to the project procurement process. It also provides an immediate insight into the contractual issues, which could influence the effectiveness of BIM implementation, usage and collaboration within the project team.

He is the recipient of the Canada-ASEAN scholarship and Educational Exchanges for Development (SEED) research internship program under the supervision of Professor Dr. Mario Bourgault at Polytechnique Montreal for 4 months from November 2018 until February 2019.

### Biographie

Ahmad Huzaimi Abd Jamil is a PhD candidate in Construction Project Management from Razak Faculty of Technology and Informatics, Universiti Teknologi Malaysia (UTM). Ahmad Huzaimi Abd Jamil also holds undergraduate degree in Business Administration Marketing [BBA-Marketing (Hons)] from Universiti Teknologi MARA (UiTM), Malaysia and a Master of Business Administration (MBA) in Technology Management from Universiti Utara Malaysia (UUM) with distinction.

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### Renseignements :

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