

# 平成 29 年度第 2 回 VBL セミナー

## 2<sup>nd</sup> VBL Seminar, 2017

日時：平成 29 年 7 月 31 日（月）13 時 00 分～14 時 30 分

場所：名古屋大学 VBL3 階ミーティングルーム室

講師：Rodolfo Morales Ibarra 特任准教授  
（VBL 外国人客員教員、Universidad Autónoma de Nuevo León  
（メキシコ））

題目：Recycling of Thermoset Polymers and their Composites

**要旨：** Recycling of thermosets and their composites is the only viable and best option going forward on thermosets waste management demonstrated with the incontrovertible fact that there is technical feasibility within the effectiveness of the very diverse technologies available to date. Mechanical, thermal, chemical methods and depolymerization with supercritical fluids are revisited in this seminar. Recyclability is a concept that takes into account not only the properties of the material but the whole set of factors which can promote the natural course of action of a potential recycling market; as a definition, recyclability is the capability of a material to be recycled through its life cycle among the economical, technical, legislative and waste management circumstances that integrates the material to the recycling industry. While the use of bio-based and eco-friendly materials is an objective of technological development, better waste management technologies must be applied throughout the whole lifecycle for a sustainable use of thermosets and their composites.

問い合わせ先：

名古屋大学 大学院工学研究科 物質プロセス工学専攻  
後藤元信

Tel: 052-789-3392, Fax: 052-789-3389

E-mail: goto.motonobu@material.nagoya-u.ac.jp