

# 国際ファイバー工学研究所 (IFES) ワークショップ

## Shinshu Talks Green

A Workshop: Chemistry & Application of Polysaccharides in Nature

2017  
**1月25日** (水)

時間: 13:00 – 17:00

場所: 上田キャンパス 31番講義室

(D棟3階) Ueda Campus, Lecture Room #31

January 25 (Wed), 2017

グリーン研究・技術を語る国際ワークショップ開催: どなたでもご参加は無料です。

### 基調講演 Keynote Lecturers



#### Thomas Rosenau, Prof. Dr.

Division of Chemistry of Renewable Resources, University of Natural Resources and Life Science, Vienna (BOKU), Austria: Distinguished Visiting Professor, IFES, Shinshu Univ

**Celluloses I and II – Some news of an old polymer**



#### Yoshihiko Amano, Prof. Dr.

Faculty of Engineering, Department of Chemistry and Material Engineering, Shinshu Univ., Japan

**Structural characterization of hemicellulose released from corncob in continuous hydrothermal reactor**

### 話題提供 The Green Addresses



#### Jun Araki, Prof. Dr.

Division of Biological and Medical Fibers, IFES, Shinshu Univ., Japan

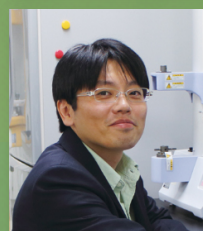
**Our recent trials on surface modification of cellulose nanowhiskers – Surface carboxylation and PEGylation –**



#### Masahiro Mizuno, Prof. Dr.

Division of Biological and Medical Fibers, IFES, Shinshu Univ., Japan

**Degradation of plant cell wall by lignocellulolytic enzymes from fungi**



#### Yasuo Gotoh, Prof. Dr.

Division of Frontier Fibers, IFES, Shinshu Univ., Japan

**Fibrillation tendency of cellulose fibers spun from ionic liquid solution**



#### Mitsumasa Osada, Prof. Dr.

Department of Chemistry and Materials, Faculty of Textile Science and Technology, Shinshu Univ, Japan

**High-temperature water treatment of chitin and water jet disintegration into chitin nanofiber**



#### Kousaku Ohkawa, Prof. Dr.

Division of Biological and Medical Fibers, IFES, Shinshu Univ., Japan

**Computational analysis on chemical modification of cellulose**



#### Masaki Kakiage, Prof. Dr.

Division of Frontier Fibers, IFES, Shinshu Univ., Japan

**Low-temperature synthesis of boron carbide powder using polyol**