

University of Yamanashi International Symposium UYIS 2016

山梨大学 国際シンポジウム

Organized by University of Yamanashi

Supported by MEXT

November 22, 2016

Multi-media bldg. 5F Multi-purpose hall, University of Yamanashi

第1部 10:00~ テニユアトラック制度普及定着のための講演会

10:00-10:05 Opening Session 挨拶

**Shinji Shimada** (*President of University of Yamanashi*)

島田 眞路 (山梨大学 学長)

10:05-11:50 Session 1

10:05-10:15 【来賓挨拶】

文部科学省科学技術・学術政策局人材政策課 (予定)

10:15-10:45 【招待講演】「テニユアトラック制度と若手研究者の育成」

榎 敏明 (独立行政法人 科学技術振興機構)

科学技術イノベーション創出基盤構築事業プログラム主管)

10:45-11:05 「山梨大学の取組について」

豊木 博泰 (山梨大学 先端領域若手研究リーダー育成拠点長、工学域長)

11:05-11:45 【招待講演】「信州大学における若手人材採用・育成に関する取組と課題」

武田 三男 (信州大学 理事 (経営企画、財務、情報担当)、副学長)

11:45-11:50 挨拶

早川 正幸 (山梨大学 理事(企画・学術研究・評価・産学官連携・

内部統制担当)、副学長)

11:50-14:00 休 憩

## 第 2 部 14:00~ International Symposium

14:00–15:20	Session 2-1	Chair: Kosuke O. Hara*
14:00–14:05	<b>Opening</b> <b>Hiroyasu Toyoki</b> (Dean of the Faculty of Engineering, University of Yamanashi)	
14:05–14:55	<b>[Invited]</b> “Nano/Micro systems for studying scientific phenomena and molecular sensing” <b>Akinobu Yamaguchi</b> (University of Hyogo)	
14:55–15:20	“Novel microfluidic systems for bio-molecular analysis based on centrifugal force” <b>Yoshiaki Ukita*</b>	
	15:20–15:30 Group photo	
	15:30–15:50 Coffee break and poster presentation	
15:50–16:20	Session 2-2	Chair: Hirokazu hori(Committee Chair, University of Yamanashi)
15:50–16:00	“From Tenure-Track to Tenured in Our Case: Creation of Nano-Photoelectron Functions Research Group” <b>Masaru Sakai</b> (University of Yamanashi)	
16:00–16:10	“In pursuit of Next Generation Mass Spectrometric Technology for High Throughput Bioanalysis, Medical Diagnosis and other Novel Applications” <b>Lee Chuin Chen</b> (University of Yamanashi)	
16:10–16:20	“Development of cloud resolving meteorological model including urban activities and its application to Asian megacities” <b>Kazuyoshi Souma</b> (University of Yamanashi)	
16:20–17:40	Session 2-3	Chair: Yoshiaki Ukita*
16:20–17:10	<b>[Invited]</b> “Enhanced conversion efficiency for III-V multi-junction solar cells” <b>Shoou-Jinn Chang</b> (National Cheng Kung University)	
17:10–17:35	“Improving the quality of evaporated BaSi <sub>2</sub> films toward photovoltaic applications” <b>Kosuke O. Hara*</b>	
17:35–17:40	<b>Closing</b> <b>Atushi Fujimori</b> (Committee Chair, University of Yamanashi)	
18:00–20:00	Information exchange meeting [T1-8F Science Café]	

### Poster presentation [Coffee break room]

#### Ubiquitous nanomaterials for functional devices

- “Microstructural Design of Composite Materials for Capacitor Applications”  
**Shintaro Ueno\***

#### Development of solar-to-chemical energy conversion materials

- “Importance of controlling proton-coupled electron transfer processes to develop efficient multi-electron transfer catalysts”  
**Toshihiro Takashima\***

#### Perceptive-cognitive computing

- “Speech processing based on auditory sense”  
**Masanori Morise\***

#### State-of-the-art mechanical engineering

- “Novel microfluidic systems for bio-molecular analysis based on centrifugal force”  
**Yoshiaki Ukita\***

#### Crystal bond engineering

- “Improving the quality of evaporated BaSi<sub>2</sub> films toward photovoltaic applications”  
**Kosuke O. Hara\***

\* Tenure-track assistant professor in University of Yamanashi