

第7回GMAP/LPIC合同国際シンポジウム

The 7th International Symposium of Green MAP Center and LPIC

Jan 26 (Fri) - 27 (Sat), 2018

The 100th Anniversary Hall, Yamagata University, Yonezawa, Japan
(4-3-16 Jonan, Yonezawa, Yamagata, Japan)

<http://ngap.yz.yamagata-u.ac.jp/index.html>

This is the 7th International Symposium of Research Center for GREEN Materials and Advanced Processing, Yamagata University (GMAP), which has been held from 2010. This time, another Yamagata University's world-leading research centers, Life-3D Printing Innovation Center (LPIC) cohost the symposium. Famous 16 researchers are invited from Canada, Japan, Korea, Taiwan, Thailand and USA. Active discussions will continue for two days on development, analysis and simulation of polymer, and also on device and sensor, etc. The symposium participation is free. Hope you come and join us.

Lecturers (Alphabetical order):

Bianca Lovalenko (ElectroChemical society (ECS) and Conference Direct, USA)

Chi Wang (National Cheng Kung University, Taiwan)

David Holloway (British Columbia Institute of Technology (BCIT), Canada)

Giuseppe Milano (Yamagata University, Japan)

Hiroki Ogawa (Kyoto University, Japan)

Huie Zhu (Tohoku University, Japan)

John Lewis (ElectroChemical society (ECS) and Conference Direct, USA)

Jun Matsui (Yamagata University, Japan)

Kohzo Ito (The University of Tokyo & JST, Japan)

Larry Nagahara (Johns Hopkins University, USA)

Peter Wann (ElectroChemical society (ECS) and Conference Direct, USA)

Shekhar Bhansali (Florida International University, USA)

Shih-Jung Liu (Chang Gung University, Taiwan)

Tom Roemer (British Columbia Institute of Technology (BCIT), Canada)

Tongsai Jamnongkan (Kasetsart University, Thailand)

Yew Wei Leong (Institute of Materials Research and Engineering, Singapore)


Welcome Party:

17:00~19:00 Jan 25, Café Azuma

Banquet:

19:00~21:00 Jan 26, Juhoen, Onogawa Onsen



 Yamagata University



Research Center for GREEN Materials and
Advanced Processing (GMAP)



Life-3D Printing Innovation Center (LPIC)

Supported by Innovative Flex Course for Frontier Organic Material Systems (iFront), Yamagata University

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- Jan 25** 17:00-19:00 Welcome Party (Café Azuma)
- Jan 26** 9:00-9:05 Opening Address
Hiroshi Ito (Professor, Dean of Graduate School of Organic Materials Science, Vice-Dean of Faculty of Engineering, Director of Research Center for GREEN Materials and Advanced Processing, Yamagata University)
- 9:05-9:10 Welcome Speech
Hiroshi Iizuka (Professor, Dean of Faculty of Engineering, Dean of Graduate School of Science and Engineering, Yamagata University)
- 9:10-10:10 Towards Monitoring Performance of Athletes at Game Time Using a Point of Care Cortisol Sensor
Shekhar Bhansali (Florida International University, USA)
- 10:10-10:20 Coffee Break
- 10:20-11:20 Amorphous Lamellar Film Prepared From Comb-like Polymers Using a Humid Annealing Method
Jun Matsui (Yamagata University, Japan)
- 11:20-12:20 Some Aspects of Electrospinning Fundamentals & Nanofiber Applications
Chi Wang (National Cheng Kung University, Taiwan)
- 12:20-14:00 Lunch
- 14:00-14:30 BCIT and YU partnership and Future Prospects
Tom Roemer (British Columbia Institute of Technology (BCIT), Canada)
- 14:30-15:00 ECS and Free The Science, ECS and Conference Direct support for YU
John Lewis and Bianca Lovalenko, Peter Wann (ElectroChemical society (ECS) And Conference Direct, USA)
- 15:00-16:00 Influence of Transportation Electrification on the Usage and Manufacturing of Composites
Yew Wei Leong (Institute of Materials Research and Engineering, Singapore)
- 16:00-16:15 Coffee Break
- 16:15-17:15 Molecular Simulations of Polymers and Nanocomposites from Molecular to Mesoscopic Scale and Beyond
Giuseppe Milano (Yamagata University, Japan)
- 17:30-18:30 Laboratory (GMAP and LPIC) tour
- 19:00-21:00 Banquet (Juhoen, Onogawa Onsen)
- Jan 27** 9:00 -10:00 Slide-Ring Materials: Novel Molecular Concept for SHINAYAKA Polymers
Kohzo Ito (The University of Tokyo & JST, Japan)
- 10:00-11:00 Chemical Dynamics and Plant Morphogenesis
David Holloway (British Columbia Institute of Technology (BCIT), Canada)
- 11:00-12:00 GISAXS-CT Measurements for Visualizing the Spatial Distribution of the Nanostructures in Thin Films
Hiroki Ogawa (Kyoto University, Japan)
- 12:00-12:30 Group Photo
- 12:30-13:30 Lunch
- 13:30-14:30 Processing of Biodegradable Polymers for Biomedical Applications
Shih-Jung Liu (Chang Gung University, Taiwan)
- 14:30-15:30 TBA
Larry Nagahara (Johns Hopkins University, USA)
- 15:30-15:40 Coffee Break
- 15:40-16:40 The Composite Films and Non-woven Nanofiber of Biopolymer for Medical Applications
Tongsai Jamnongkan (Kasetsart University, Thailand)
- 16:40-17:40 High-Performance Interfacial Assemblies of Functional Polymers and Supramolecules
Huie Zhu (Tohoku University, Japan)
- 17:40-17:45 Closing Remarks
Hidemitsu Furukawa (Professor, Director of Life 3D Printing Innovation Center, Yamagata University)

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2018年1月26日（金）～27日（土）

山形大学工学部, 100周年記念館 (山形県米沢市城南4-3-16)

<http://ngap.yz.yamagata-u.ac.jp/index.html>

本国際シンポジウムは、山形大学グリーンマテリアル成形加工研究センター（GMAP）は2010年から開催しており、本年は7回目となります。今回は、ライフ3Dプリンタ創成センター（LPIC）も共催に加わり、欧米諸国、アジア諸国から著名な研究者16名を招待し、ポリマーの開発、解析とシミュレータ、およびデバイス、センサー等広い分野の研究について、2日間にわたって活発な議論を行う。講演会参加は無料となっておりますので、多数の皆さまのご出席をお待ちしております。

講演者（アルファベット順）:

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ウェルカムパーティ:


1月25日, 17:00～19:00, カフェ吾妻

バンケット:

1月26日, 19:00～21:00, 寿宝園



主催:  山形大学
Yamagata University

 グリーンマテリアル加工研究センター(GMAP)



ライフ・3Dプリンタ創成センター (LPIC)

共催: フロンティア有機材料システム創成フレックス大学院 (iFront)