



# International Workshop on Soft & Flexible Micro/Nano System Technology (SF-MINAS 2013)

*July 12 (Friday) to 14 (Sunday), 2013  
Griffith University, Gold Coast Campus, Australia*

Planning (tentative: 25<sup>th</sup> February, 2013)

1. Conference name: International Workshop on Soft & Flexible Micro/Nano System Technology (SF-MINAS 2013)
2. Call for participation: MEMS and Micro/Nano Systems with micro/nano fabrication technology are playing useful roles in human life. Until now, MEMS are mainly solid-state devices based on silicon and solid-state materials. Inside and outside of the human body and all biological aspects of our society consist mostly of structures of soft and flexible materials. It is clear that one of the future developments of MEMS and Micro/Nano Systems will be utilization of soft and flexible materials to create structures with new functions. We welcome participation of researchers and engineers to the International Workshop on Soft and Flexible Micro/Nano System Technology (SF-MINAS 2013). The objective will be to propose and discuss new concepts and research results. In addition, of course, we welcome presentations of Science Fiction, ideas and flexible thinking related to micro/nano system technology that anticipates the future.
3. Dates: July 12, Friday to 14 Sunday, 2013
4. Venue: Griffith University, Gold Coast Campus
5. Sponsors: Queensland Micro and Nanotechnology Center (QMNC), Griffith University  
Advanced Micro/nano System Technology Research Center, Ritsumeikan University
6. Expected attendance: over 20 members
7. Expected papers: over 20 papers
8. Admission fee: 440 AU\$ ( 40,000 JPY)
9. Language: English
10. URL: <http://www.griffith.edu.au/conference/sf-minast2013>
11. Topics  
MEMS, Micro/nano Systems using Soft Materials (Polymer, Gel, Liquid and etc.)  
MEMS, Micro/nano Systems with Flexible Structures  
MEMS, Micro/nano Systems for Flexible Application  
MEMS by Flexible Design

Eco-friendly MEMS

Soft & Flexible Thinking = Micro/nano Art

Science Fiction with MEMS, Micro/nano Systems  
and others

12. Program (tentative)

July 12, Friday	AM:	Registration, Plenary Session
	PM:	Oral Session
	Night:	Banquet
July 13, Saturday	AM:	Oral Session
	PM:	Poster Session
		Closing Session
		Inspection for QMNC
July 14, Sunday	AM:	Excursion 1 ( Whale Watching)
	PM:	Excursion 2 (Currumbin Wildlife Sanctuary or Tamborine Mountain)

13. Style of presentation:

Oral: using slides with video (Movie or Animation)

(Movie or Animation)

Plenary Presentation: 40min.

Oral Presentation: 20 min.

14. Abstract     A4 Size 2 pages (text 1 page + figure, chart, photo 1page)  
Send by attached file by e-mail to Secretariat Division  
Deadline: April 30, Tuesday, 2013  
Proceedings will be distributed on the day, July 12, 2013.

15. Organize Committee

**Co-Chairs**

- Prof. Susumu Sugiyama, Ritsumeikan Global Innovation Research Organization,  
Ritsumeikan University
- Prof. Nam-Trung Nguyen, Director of Queensland Micro and Nanotechnology Centre,  
Griffith University

**Executive Committee**

- Prof. Ryutaro Maeda, Director of Research Center for Ubiquitous MEMS and Micro  
Engineering, National Institute of Advanced Industrial Science and Technology
- Prof. Isao Shimoyama, Dean of Graduate School of Information Science and Technology,  
University of Tokyo
- Prof. SimaDimitrijević, Vice director of Queensland Micro and Nanotechnology Centre,  
Griffith University
- Prof. Geoff Tansley, Head of School of Engineering, Griffith University

**Program Committee**

- Chair: Dr. Dzung Dao, Senior lecturer of School of Engineering, Griffith University

- Dr. Yong Zhu, Lecturer, School of Engineering, Griffith University

**Secretariat**

- Ms. Junko Izumi, Micro Nano Integrated Devices Laboratory, Ritsumeikan University



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企画書      2013 年 2 月 25 日付

1. 会議の名称    International Workshop on Soft & Flexible Micro/Nano System Technology  
(SF-MINAS 2013)
2. 開催趣旨      マイクロ/ナノ加工技術による MEMS・マイクロ/ナノシステムは、人間の生活の中で有用な役割を果たしつつあります。これまで、MEMS は主にシリコンなどの固体材料からなる固体デバイスでありました。人体はもちろんすべての生物は軟らかく柔軟性のある材料で構成されています。このことは、MEMS・マイクロ/ナノシステム技術研究の今後の発展の方向の 1 つとして、軟らかく柔軟な材料を利用した新しい機能・構造の創出であることを示しています。我々は国際ワークショップ”International Workshop on Soft and Flexible Micro/Nano System Technology (SF-MINAS 2013)”を開催し、研究者及び技術者の参加を歓迎します。この会議の目的は、新しい概念や研究成果を提案し、議論することです。もちろん、未来を先取りしたマイクロ/ナノシステム技術に関連したサイエンスフィクション (SF) や新しいアイデア、柔軟な発想の発表を歓迎します。
3. 開催期日      平成 25 年 7 月 12 日 (金) ~14 日 (日)
4. 開催場所      Griffith University, Gold Coast Campus  
(オーストラリア    クイーンズランド州    ゴールドコースト)
5. 主催            Queensland Micro and Nanotechnology Center (QMNC), Griffith University  
Advanced Micro/nano System Technology Research Center, Ritsumeikan University
6. 参加数          20 名以上 (予定)
7. 発表論文数    20 以上
8. 参加費等      40,000 円
9. 言語            英語
10. URL            <http://www.griffith.edu.au/conference/sf-minast2013>
11. トピックス    MEMS, Micro/nano Systems using Soft Materials (Polymer, Gel, Liquid and etc.)

MEMS, Micro/nano Systems with Flexible Structures

MEMS, Micro/nano Systems for Flexible Application

MEMS by Flexible Design

Eco-friendly MEMS

Soft & Flexible Thinking = Micro/nano Art

Science Fiction with MEMS, Micro/nano Systems

and others

12. プログラム (案)

7 月 12 日 (金) 午前: Registration, Plenary Session

午後: Oral Session

夜: Banquet

7 月 13 日 (土) 午前: Oral Session

午後: Poster Session

閉会式

ブリスベンの QMNC 見学

7 月 14 日 (日) 終日: Cultural Exchange Session (Whale Watching, etc)

13. 発表形式 Oral: using slides with video (Movie or Animation)

Plenary Presentation 40 分

Oral Presentation 20 分

14. アブストラクト集 当日配布 1 件 A4 サイズ 2 ページ (テキスト 1 P + 図・表・写真 1 P)

原稿は電子データにて事務局まで。

締切は 2013 年 4 月 30 日 (火)

15. 開催組織 **Co-Chairs**

・杉山 進 立命館大学, 立命館グローバルイノベーション研究機構, 教授

・Prof. Nam-Trung Nguyen, Director of Queensland Micro and Nanotechnology Center, Griffith University

**Executive Committee**

・前田龍太郎 産業技術総合研究所, 集積マイクロシステム研究センター, センター長, 教授

・下山 勲 東京大学 大学院情報理工学研究科・科長、教授

・Prof. Sima Dimitrijevic, Vice director of Queensland Micro and Nanotechnology Centre, Griffith University

・Prof. Geoff Tansley, Head of School of Engineering, Griffith University

**Program Committee**

・Chair: Dr. Dung Dao, Senior lecturer of School of Engineering, Griffith University

・Dr. Yong Zhu, Lecturer, School of Engineering, Griffith University

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