Singapore-MIT Alliance (SMA) Symposium
January 14 through January 16, 2013

Theme: “Reflections of Past Accomplishments: Future Perspective”

Day 1: Plenary Session
Date: Monday, January 14, 2013
Venue: Shaw Foundation Alumni House, NUS Campus

9:15 a.m. – 9:30 a.m.: Registration

Opening Remarks
9:30 a.m. – 9:40 a.m.: Professor Hardy CHAN, SMA Co-Director, Singapore
Professor Dick YUE, SMA Co-Director, MIT

Keynote Speaker and Guest-of-Honor
9:40 a.m. – 10:00 a.m.: Professor TAN Chorh Chuan, Chairman of SMA, and President, NUS

Alums Perspective
Academia
10:00 a.m. – 10:15 a.m.: Dr GAN Chee Lip (SMA1–AMM&NS), Associate Professor, School of Materials Science & Engineering, NTU & Director, Temasek Laboratories@NTU.
Topic: My education and research experience with SMA: From SMA student to SMA fellow

10: 15 a.m. – 10:30 a.m.: Dr Melvyn SIM (SMA1–HPCES), Professor, Department of Decision Sciences, NUS Business School
Topic: My academic journey begins with SMA

10:30 a.m. – 10:40 a.m.: Question and Answer Session

Industry and Entrepreneur
10:40 a.m. – 10:55 a.m.: Mr Sumit GUPTA (SMA2–MST), Supply Chain Manager, CUMMINS, Inc. U.S.A.
Topic: United in Diversity – The SMA Contribution

10:55 a.m. – 11: 10 a.m.: Ms Xia HUA (SMA2–MST), Consultant, Murex Southeast Asia
Topic: Process Flows in the Banking Sector

11:10 a.m. – 11: 25 a.m.: Dr Dawei SHEN (SMA1–HPCES), Boenten Inc., Co-Founder and CEO; Research Affiliate at MIT Medical Lab
Topic: Innovation and Entrepreneurship Lessons Learned from SMA: Experiences at MIT Media Lab and Building a Start-Up

11:25 a.m. – 11: 40 a.m.: Dr Chian Myau SOON (SMA2–AMM&NS), Resident of Otolaryngology, Singhealth
Topic: What SMA has given to me

11:40 a.m. – 12:05 p.m.: Question and Answer Session

Closing Remarks and Presentation of Gifts
12:05 p.m. – 12:20 p.m.: Professor Soo Jin CHUA, Deputy Director, SMA
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12:20 p.m. – 2:00 p.m. : Lunch
Venue: Kent Ridge Guild House

2:00 p.m. – 6:00 p.m. : Free Time

6:30 p.m. – 9:30 p.m. : Dinner (MIT and Singapore SMA Faculty only)
Venue: Jewel Box at Mt. Faber

9:30 p.m.: End of Day 1
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Day 2: Plenary Session

Date: Tuesday, January 15, 2013
Venue: Shaw Foundation Alumni House, NUS Campus

9:15 a.m. – 9:30 a.m.: Registration

9:30 a.m. – 9:40 a.m.: Opening Remarks
Professor YOON Soon Fatt, Deputy Director, SMA

9:40 a.m. – 10:20 a.m.: Roundtable Discussion by Current/Former Directors of SMA
Chair: Professor Rohan ABEYARATNE, CEO and Director, SMART Centre
Singapore: Professors Andrew NEE and Hardy CHAN
MIT: Professor Dick YUE
10:20 a.m. – 10:40 a.m.: Question and Answer Session

10:40 a.m. – 10:50 a.m.: MIT and Singapore Programme Chairs Perspective
Programme: Advanced Materials in Micro-and-Nano Systems (AMM&NS)
10:50 a.m. – 10:55 a.m.: Question and Answer Session

10:55 a.m. – 11:05 a.m.: Programme: Manufacturing Systems and Technology (MST)
11:05 a.m. – 11:10 a.m.: Question and Answer Session

11:10 a.m. – 11:20 a.m.: Programme: Computational Engineering (CE)
11:20 a.m. – 11:25 a.m.: Question and Answer Session

11:25 a.m. – 11:35 a.m.: Programme: Chemical and Pharmaceutical Engineering (CPE)
11:35 a.m. – 11:40 a.m.: Question and Answer Session

11:40 a.m. – 11:50 a.m.: Programme: Computation and Systems Biology (CSB)
11:50 a.m. – 11:55 a.m.: Question and Answer Session

11:55 a.m. – 12:05 p.m.: Programme: Computer Science (CS)
12:05 p.m. – 12:10 p.m.: Question and Answer Session

12:10 p.m. – 12:20 p.m.: Closing Remarks
Professor Hardy CHAN, SMA Co-Director, Singapore
Professor Dick YUE, SMA Co-Director, MIT
Theme: “Reflections of Past Accomplishments: Future Perspective”

12:20 p.m. – 1:30 p.m.: Lunch
Venue: Kent Ridge Guild House

Day 2: Parallel Sessions
Date: Tuesday, January 15, 2013
Venue: Shaw Foundation Alumni House and Kent Ridge Guild House, NUS Campus

1:30 p.m. – 5:00 p.m.: Programme Presentations
AMM&NS, CE, CPE, CSB and MST

6:30 p.m. – 8:30 p.m.: Reception (MIT and Singapore Faculty, SMA Alums and Students)
Presentation of Poster Award Winner
Venue: Kent Ridge Guild House

8:30 p.m.: End of Day 2

Day 3: Parallel Sessions
Date: Wednesday, January 16, 2013
Venue: Shaw Foundation Alumni House and Kent Ridge Guild House, NUS Campus

9:00 a.m. – 12:00 p.m.: Programme Presentations

12:00 p.m. – 1:30 p.m.: Lunch
Venue: Kent Ridge Guild House

1:30 p.m.: End of Day 3