

Detailed program

Sunday,16-07-2017 , FIT Building	
15:45-16:15	Welcome coffee
16:15-17:30	Motiv soft skills training <ul style="list-style-type: none"> • Meet and greet • Introduction to the school • Forming teams, Instructions and regulations
18:30-21:00	Dinner and reception

Monday,17-07-2017, FIT Building Multifunction Hall 201	
8:30- 9:30	Opening session, Chair: Shaojun Wei
8:30	Vice president of Tsinghua University
8:40	Sheng Liu, Deputy General Director of China International Talent Exchange Foundation
8:50	Paul Menkveld, Ambassador of the Netherlands in Beijing
9:00	Ning Li, Vice Director-General, Talent Exchange Center, Ministry of Industry and Information Technology of China
9:10	Jacob Fokkema, Former president of Delft University of Technology
9:20	Said Hamdioui (Program)
9:30-10:00	Group picture and coffee break
10:00-12:30	Industry Key Notes, Chair: Kouchi Zhang
10:00	Haijun Zhao , CEO, SMIC
10:20	Qiwei Ren, Vice president, Unigroup Guoxin
10:40	Yufeng Qiu , Vice Director , Research Centre of State Grid
11:00	Panel session Title: <i>Microelectronics: opportunities and challenges</i> Moderator: Jacob Fokkema Panellists: : Kees Beenakker, Shaojun Wei, Haijun Zhao, Qiwei Ren, Yufeng Qiu
12:30-14:00	Lunch
14:00-15:30	Session 1: Keynotes,
14:00	John Schmitz, TUDelft, Micro- and Nano-electronics in the Netherlands
14:45	Shaojun Wei, Tsinghua University, IC industry development in China
15:30-16:00	Coffee break
16:00-19:00	Students interaction & preparation for miniconferences FIT Building Multifunction hall 201
18:30	Dinner
20:00-21:00	MoTiv: soft skills training <ul style="list-style-type: none"> • Flash presentations

Tuesday, 18-07-2017	
8:30-10:15	Session 2 Conventional Technologies 1, FIT Building room 312
8:30	Device and Technology– part I, Marcel Pelgrom (TUD,TU/e)
9:15	Break
9:30	Device and Technology– part II, Marcel Pelgrom (TUD,TU/e)
10:15-10:45	Coffee break
10:45-12:30	Session 3: Conventional technologies 2
10:45	IC reliability, Hans Manhaeve (Ridgetop Europe, Belgium)
11:30	Break
11:45	IC reliability, Hans Manhaeve (Ridgetop Europe, Belgium)
12:30-14:00	Lunch
14:00-15:45	Session 4: Conventional technologies 3, FIT Building Multifunction hall 201
14:00	Microsensors and Systems, Shanhong Xia (IECAS)
14:45	Break
15:00	ASIP Design, Dake Liu BIT, Beijing
15:45-16:15	Coffee break
15:15-19:00	Students interaction & preparation for miniconferences
18:30-20:00	Dinner
20:00-21:30	Motiv: soft skills training; Culture- Part I <ul style="list-style-type: none"> Natasja, Card game; Belbin: test & reflection

Wednesday, 19-07-2017	
8:30-10:15	Session 5: Emerging technologies 1, FIT Building room 312
8:30	Energy autonomy of smart sensor networks, Zhuoxiang Ren , Pierre and Marie Curie University
9:15	Break
9:30	Integration of Sensor and Artificial Intelligence Awakens the Era of IOT., Sean Ding, CTO , IOT BU of Alibaba Group
10:15-10:45	Coffee break
10:45-12:30	Session 6: Emerging technologies 2
10:45	Memristive devices for Computing: Hope or Hype? Said Hamdioui (TUD)
11:30	Break
11:45	Maskless E-Beam Technology for Secure ICs, Eduard Hoeberichts, Mapper Lithography, NL
12:30-14:00	Lunch
14:00-20:00	Social event: IMETU Clean Room Lab Tour and Visit Tianmen Square, Dinner in Tsinghua Restaurant
20:30-21:15	Session 7: Visionary talk Scientific Philosophical Challenges; Jacob Fokkema (TUD)

Thursday.20-07-2017	
8:30-10:15	Session 8: Emerging Technologies 3 FIT Building room 312
8:30	RF MEMS and its application in IOT, Zewen LIU , TsinghuaUniversity
9:15	Break
9:30	GaN+ Modeling cum PA design, Fujiang Lin , USTC
10:15	Coffee break
10:45-12:30	Session 9: ICs for IoT 1
10:45	Sensors for IoT, part I, Kofi Makinwa (TUD)
11:30	Break
11:45	Sensors for IoT, Part II, Kofi Makinwa (TUD)
12:30-14:00	Lunch
14:00-15:45	Session 10: Start-ups and entrepreneurship FIT Building Multifunction hall 201
14:00	Hans Manhaeve, QSTAR, Belgium
14:25	Kees Beenakker, Jiaco-Instruments, Delft, the Netherlands
14:50	Zhao Wang, SiMEMS, China
15:15	Bin Wang, Chairman of Rice Microelectronics
15:40-16:00	Coffee break
16:00-17:00	Session 11: panel session on entrepreneurship <ul style="list-style-type: none"> Title: how to become a successful entrepreneur? Moderator: Said Hamdioui Panellists: Hans Manhaeve, Kees Beenakker, Bin Wang
17:00-19:00	Students interaction & preparation for miniconferences
18:30-20:00	Dinner
20:00-21:30	Session 12: MoTiv training Culture – Part II <ul style="list-style-type: none"> Quotes Doing philosophy and giving feedback

Friday,21-07-2017	
8:30-10:15	Session 13: ICs for IoT 2 , FIT Building room 312
8:30	Short-range proprietary transceivers for IoT, Woogeun Rhee, Tsinghua University
9:15	Break
9:30	Low power IoT transceiver designs and its business opportunities in China, Hao MinFudan University
10:15-10:45	Coffee break
10:45-12:30	Session 14: ICs for IoT 3
10:45	Terabyte on-chip communication design, part I, Zheng Wang (UESTC)
11:30	Break
11:45	Terabyte on-chip communication design , part II, Zheng Wang (UESTC)
12:30-14:00	lunch
14:00-15:45	Break, students interaction & preparation for miniconferences FIT Building room 312
16:15-17:30	Session 15: MoTiv training <ul style="list-style-type: none"> • Intercultural Quiz (Said Hamdioui and Zewen Liu) • Leadership
18:30-20:00	Dinner
20:00-22:30	Students interaction & preparation for miniconferences

Saturday,22-07-2017, FIT Building Multifunction hall 201	
8:30-12:30	Mini-conference
9:00-9:40	Blue Team
9:50-10:30	Red Team
10:50-11:30	Green Team
11:40- 11:20	Yellow Team
12:30-14:00	Lunch
14:00-15:30	Closing ceremony
	<ul style="list-style-type: none"> • Certificate ceremony • Word of students' representative (one from CN and one from NL) • Word of the summer school representative • Closing speech