2016 Sino-Dutch International IC Technology Exchange and High Talent Summer School
Theme: Smart and Nano-devices- The enablers for big-data solutions

Day/date	Time	Activity
Sunday 21	9:00-17:00	City tour for students (or other activity)
	17:00-18:00	rest
	18:00-19:30	Dinner
	19:30-21:30	Introduction & Belbin test & team building & group forming, & questions (Motiv)
Monday 22	**8:30-9:40**	**Opening ceremony; Meeting Hall, Administrative Building** Chair: Hao Min, Fudan University
	8:30-8:40	Welcome Speech by Fudan University Official
	8:40-9:50	Foreign Experts Bureau Official
	8:50-9:00	Anneke Adema, Consul General for the Netherlands in Shanghai.
	9:00-9:10	Jacob Fokkema, Former president of Delft University of Technology
	9:10-9:15	Rob Fastenau, Dean Faculty EEMCS, Delft University of Technology
	9:15-9:20	Hao Min and Said Hamdioui: School program
	9:20-10:00	**Coffee break + group picture**
	10:00-12:30	**Keynotes, Meeting Hall, Administrative Building** Chair: Said Hamdioui, TUDelft
	10:00-10:45	Keynote 1: IC industry in China *Shao-jun Wei, Tsinghua*
	10:45-11:30	Keynote 2: Micro- and Nano-electronics in the Netherlands *Kees Beenakker, TU Delft*
	11:30-12:00	Keynote 3: The status of ITRW: International Technology Roadmap of Wide band gap semiconductors *Kouchi Zhang- TUDelft*
	12:00-14:00	**Lunch and VIP Meeting (invited)**
	14:00-18:30	**Technical lectures: Microelectronics & nano-technology** Meeting Hall, Administrative Building
	14:00-14:45	Lecture 1: Device and Technology- Part 1 *Marcel Pelgrom, TU/e and TU Twente*
	14:45-15:00	coffee break
	15:00-15:45	Lecture 2: Device and Technology- Part 2 *Marcel Pelgrom, TU/e and TU Twente*
	15:45-16:00	coffee break
	16:00-17:450	**Technical lectures: Smart and nano-devices- Enabler for big-data solutions** Meeting Hall, Administrative Building
	16:00-16:45	Lecture: LP-WAN for IoT- Part 1 *Hao Min, Fudan*
	16:45-17:00	coffee break
	17:00-17:45	Lecture: LP-WAN for IoT- part 2 *Hao Min, Fudan*
	18:00-19:30	Dinner
	19:30-21:00	**Soft skills training - Meeting Room 389, Building of Microe** Flash presentations
		Students preparation for mini-conference & interaction
Tuesday 23	**8:30-12:30**	**Technical lectures: Microelectronics & nano-technology** Meeting Hall, Administrative Building
	8:30-9:15	Sensor Technology- part 1 *Zhifeng Xie & Justin Qiu, QST Corporation*
	9:15-9:30	coffee break
	9:30-10:15	Sensor Technology - part 2 *Zhifeng Xie & Justin Qiu, QST Corporation*
	10:15-10:45	coffee break
	10:45-11:30	Lecture: MEMS technology and its application in IOT- 1 *Zewen LIU, Tsinghua*
	11:30-11:45	coffee break
	11:45-12:30	Lecture: MEMS technology and its application in IOT-2 *Zewen LIU, Tsinghua*
	12:30-14:00	**Lunch**
	14:00-17:00	**Startup/Entrepreneurship, IC Coffee**
	14:00-16:00	**Panel discussion**: How to become a successful entrepreneur? **Moderator**: Jacob Fokkema, TUDelft **Panellists**: *Kees Beenaker, TUDelft* *Koen Bertels, TUDelft* *Zhifeng Xie, QST Corporation* *Mengxiong Li,Senasic electronics*
	16:00-16:15	coffee break
	16:15-17:00	Lecture: From research idea to product *Koen Bertels, TUDelft*
	17:00-18:30	**Soft skills training, IC Coffee** Motiv
	18:30-19:30	**Dinner**
	19:30-21:00	Students preparation for mini-conference & interaction; *Meeting Hall, Administrative Building*
Wednesday 24	**8:30-12:30**	**Technical lectures: Microelectronics & nano-technology** Meeting Hall, Administrative Building
	8:30-9:15	Lecture: Testable design and test of integrated systems *Hans Kerkhoff, UT*
	9:15-9:30	Coffee break
	9:30-10:15	Lecture: Reliability and design-for-reliability of integrated systems *Hans Kerkhoff, UT*
	10:15-10:45	coffee break
	10:45-11:30	Lecture: Semi-floating Gate Transistor- Part 1 *Qinging Sun, Fudan*
	11:30-11:45	Coffee break
	11:45-12:30	Lecture: Semi-floating Gate Transistor- Part 2 *Qinging Sun, Fudan*
	12:30-14:00	**Lunch**
Wednesday 24	**14:00-17:00**	**Technical lectures: Emerging Technolopgies** Meeting Hall, Administrative Building
	14:00-14:45	Leture: Heterogeneous Quantum architectures *Koen Bertels, TU Delft*
	14:45-15:00	coffee break
	15:00-15:45	New Process options for 3D Technology *Fred Roozeboom, TU/e*
	15:45-16:15	coffee break

	16:45-18:30	**Soft skills training- Meeting Room 389, Building of Microe** Motiv
	18:00-19:30	**Dinner**
	19:30-20:30	**Visionary Lecture** Meeting Hall, Administrative Building
		Keynote: Scientific Philosophical Challenges *Jacob Fokkema, TUDelft*
	20:30-21:30	Students preparation for mini-conference & interaction
Thursday 25	**8:30-17:00**	**Technical lectures: Smart and nano-devices- Enabler for big-data solutions** Meeting Hall, Administrative Building
	8:30-9:15	Lecture: Energy Efficient SoC - part 1 *Jun Yang, Southeast Univ.*
	9:15-9:30	coffee break
	9:30-10:15	Lecture: Energy Efficient SoC - part 1 *Jun Yang, Southeast Univ.*
	10:15-10:45	coffee break
	10:45-11:30	Brain sensor for deep learning-Part 1 *Richard Shi, Fudan/Univ. of Washington*
	11:30-11:45	coffee break
	11:45-12:30	Brain sensor for deep learning-Part 2 *Richard Shi, Fudan/Univ. of Washington*
	12:30-14:00	**Lunch**
	14:00-14:45	Lecture:Yun-on-Chip Architecture for Next Generation Embedded Computing- part 1 *Xiaoning Qi, C-Sky Microsystems Corp. LTD.*
	14:45-15:00	coffee break
	15:00-15:45	Lecture: Yun-on-Chip Architecture for Next Generation Embedded Computing- part 2 *Xiaoning Qi, C-Sky Microsystems Corp. LTD.*
	15:45-16:15	coffee break
	16:15-17:00	Memristor: The Enabler for Data-Intensive Applications solutions *Said Hamdioui, TUDelft*
	17:00-18:30	Soft skills training: Intercultural Quiz *Said Hamdioui, TUDelft*
	18:30-19:30	**Dinner**
	19:30-21:00	Students preparation for mini-conference & interaction & soft skills
Friday 26	**8:30-12:30**	**Min-conferences** Meeting Hall, Administrative Building
		Chair: Jacob Fokkema Organizers: Students *Presentations of the answers to technical and non-technical questions per goup*
	8:30-9:10	*Group 1*
	9:10-10:20	coffee break
	9:20-10:00	*Group 2*
	9:00-10:10	coffee break
	10:10-10:50	*Group 3*
	10:50-11:00	coffee break
	11:00-11:40	*Group 4*
	11:40-11:50	coffee break
	11:50-12:30	*Group 5*
	12:30-14:00	**Lunch**
	14:00-15:00	**Campus tour (lab tour)**
	16:00-16:30	coffee break
	16:30-18:00	**Closing session, Meeting Hall, Administrative Building** Chairs: Hao Min and Said Hamdioui
		Word of summer school representative Word of a students' representative Certificate ceremony
	18:30-20:30	**Banquet**