

## WECC2015 Program Structure (as of November 2015)

Track		Track 1	Track 2	Track 3	Track 4	Track 5	Track 6	Track 7	Track 8	Track 9	Track 10	
Room		Room A	Room B-1	Room B-2	Room C-1	Room C-2	Room D	Room E	Room F	Room G	Room H	
Theme		Resilient Infrastructure for Society	Energy for a Sustainable Society	Natural Resources for a Sustainable Society	Urban Development and Infrastructure	Mobility and Communication Technology	Industry for Society	Life Innovation	Engineering for Society and Engineering in Society	Engineering Education and Women in Engineering	Groundwork for the Future	
Nov 30 (Mon)	9:00-10:00	Opening Ceremony (Main Hall)										9:00-10:00
	10:00-10:30	Break (30 minutes)										10:00-10:30
	10:30-12:30	Conference Plenary Lectures [Part 1, 2, 3] (Main Hall)										10:30-12:30
	12:30-14:00	Lunch (Sakura, Annex Hall)										12:30-14:00
	14:00-16:00	Conference Plenary Lectures [Part 4, 5, 6] (Main Hall)										14:00-16:00
	16:00-16:20	Break (20 minutes)										16:00-16:20
	16:20-18:00	1-1 Reconstruction innovation	2-1 Wider applications for fossil resources: Conventional and non-conventional resources	3-1 Satellite-based technology, land and marine survey, resource investigation, disaster monitoring	4-1 Environmental friendly and sustainable cities & housing	5-1 Railway technology, high-speed train, urban transportation, maintenance technology	6-1 Creating value and solving social issues through the big data revolution	7-1 Design of safe and secure communities, reflections on human and robot	[Session Keynote Lecture] Engineering for the society [Session Keynote Lecture] Risk communication as the essential sociotechnical system	[Session Keynote Lecture] Liberal arts education in engineering [Session Keynote Lecture] Promoting female leaders in engineering	10-1 International Round Table on Engineering	16:20-18:00
Dec 1 (Tue)	9:00-9:50	Conference Plenary Lecture [Part 7] (Main Hall)										9:00-9:50
	9:50-10:10	Break (20 minutes)										9:50-10:10
	10:10-12:30	1-2 Land/city conservation and disaster mitigation	2-2 Power generation technology	3-2 Supply chain of mineral resources and life cycle of human beings	4-2 Net zero energy building technology, new air-conditioning and sanitary technology, green building technology, water utilization technology	5-2 Automotive technology, society and mobility in 2030	6-2 Trends in utilizing intellectual property for promoting innovation	7-2 Molecular imaging in early diagnosis/treatment	8-1 Social missions of engineering and ethics for engineers	9-1 Promoting female leaders in engineering	10-2 Environment and Water	10:10-12:30
	12:30-14:00	Lunch, Poster Session (Sakura, Annex Hall)										12:30-14:00
	14:00-16:00	1-3 Robot technology used at disaster sites and its operating system	2-3 Renewable energy sources and energy storage technologies	3-3 Water resource and environmental management	4-3 Measuring, control, security technology, robot technology	5-3 Marine technology, ships, ocean energy utilization, marine resource developments	6-3 Role of finance in industrial innovation	7-3 Recovery from disease: Part 1 (Nanomedicine)	8-2 Science & technology based on the societal trust & communication Part 1: Fukushima Daiichi-the lessons learned	[Panel Discussion] Promoting young women in engineering: Part 1 Information and communication technology 9-2 Break (10 minutes) [Panel Discussion] Promoting young women in engineering: Part 2 Social infrastructure technology		14:00-16:00
	16:00-16:20	Break (20 minutes)										16:00-16:20
	16:20-18:10	1-4 Strengthening national interests and creating new industries using big data	2-4 Energy saving and efficient energy use	3-4 Advanced recycling technology	4-4 Next generation broadcasting systems	5-4 Aeronautical technology	6-4 Value-added manufacturing for competitiveness	7-4 Recovery from disease: Part 2 (Minimally invasive therapy and personalized treatment)	Science & technology based on the societal trust & communication Part 1: Fukushima Daiichi-the lessons learned	[Session Keynote Lecture] (1) Features of engineering education in Japan (2) World Trend of ICT in Education	Break (20 minutes)	16:20-18:10
Dec 2 (Wed)	9:00-10:40	1-5 Creating a resilient economy	2-5 Energy management	3-5 Process technology for sustainability	4-5 Construction technology and management	5-5 Innovative telecommunications technologies	6-5 Innovation of cutting-edge technology and next generation devices	7-5 Recovery from disease: Part 3 (Regenerative medicine, Tissue engineering)	8-3 Science & technology based on the societal trust & communication Part 2: For the society of robust and secure infrastructure	9-3 World human resource development and engineering education	10-3 Others	9:00-10:40
	10:40-11:00	Break (20 minutes)										10:40-11:00
	11:00-12:40	1-6 Resilience in manufacturing and energy sectors	2-6 Smart grid, smart community	3-6 Agricultural machinery and food engineering, agricultural mechanization, agricultural structures	4-6 Innovation for maintenance and renovation of sustainable civil infrastructure	5-6 Information security and privacy	6-6 Advanced functional materials	7-6 Sustaining good health (Medical and healthcare devices)	8-4 Engineering qualification systems and ethics	9-4 Development and contribution of the Japanese engineering education to the world		11:00-12:40
	12:40-14:00	Lunch, Poster Session (Sakura, Annex Hall)										12:40-14:00
	14:00-15:30	Summary and Concluding Remarks of the Sessions (Room A)										14:00-15:30
	15:30-15:50	Break (20 minutes)										15:30-15:50
	15:50-17:00	Closing Ceremony (Room A)										15:50-17:00
	19:00-21:00	Banquet (The Westin Miyako Kyoto)										19:00-21:00