ICMIM2017 Technical Program at a Glance

VENUE: Bldg. 4, Nagoya Institute of Technology, Aichi, Japan

DAY	TIME	SESSION	EVENT	PLACE
Sunday, March 19, 2017	10:30-17:00		Registration	Foyer
	13:00-13:15		ICMIM2017 Opening	Conference Room
	13:15-14:46	SU1	Previews of Interactive Forum	Conference Room
	14:46-15:15		Break	
	15:15-16:55	SU2	Advanced Component Technologies for Intelligent Mobilities	Conference Room
	17:30-19:30		ICMIM2017 Reception	Cafeteria, University Hall
Monday, March 20, 2017	8:00-17:00		Registration	Foyer
	8:30-10:05		Plenary Session	Conference Room
	10:05-10:20		Break	
	10:20-12:20	MO1	Focused Session I: Automated and Autonomous Driving Technologies for Automotives	Conference Room
	12:20-13:20		Lunch	Cafeteria, University Hall
	13:20-14:20	MO2	Interactive Forum and Exhibition I	Foyer
	14:20-15:50	MO3	Focused Session II: Enabling Technologies for Autonomous Operations, Sensors and Localization	Conference Room
	15:50-16:05		Break	
	16:05-17:15	MO4	Wireless Power Transfer Technologies	Conference Room
	19:00-21:00		ICMIM2017 Banquet	Rose Court Hotel, Nagoya
Tuesday, March 21, 2017	7:30-16:10		Registration	Foyer
	8:00-9:40	TU1	Signal Processing for Enhanced Functionality of Automotive Radars toward Autonomous Driving	Conference Room
	9:40-9:55		Break	
	9:55-12:05	TU2	System Designs of Radars/Sensors/Monitoring and Their Improvement by Advanced Modulation Schemes	Conference Room
	12:05-13:05		Lunch	Cafeteria, University Hall
	13:05-14:05	TU3	Interactive Forum and Exhibition II	Foyer
	14:05-15:35	TU4	Antenna Technologies for High-Performance Radars, Sensing, and Localization	Conference Room
	15:35-15:50		Break	
	15:50-17:50	TU5	Mutual- and Self-Interference of Radars: Analyses and Solutions	Conference Room
	17:50-18:00		ICMIM2017 Closing	Conference Room

DAY1 | Sunday, March 19, 2017

ICMIM2017 Opening

DAY1 | March 19, 2017
13:00-13:15 | Place: Conference Room

EVENT	SPEAKER
Greetings from General Co-Chair	Hiroshi Kondoh (EHF Consulting, Japan)
Greetings from TPC Co-Chair	Atsushi Sanada (Osaka University, Japan)

SU1

Previews of Interactive Forum

DAY1 | March 19, 2017
13:15-14:46 | Place: Conference Room
Session Co-Chairs: Chung-Tse Michael Wu, Wayne State University, USA
Atsushi Sanada, Osaka University, Japan

TIME	PAPER #	TITLE	AUTHORS
13:15	IF-1	Miniature Microstrip Bandpass Filters Based on Quadruple-Mode Resonators with Less Via	Sugchai Tantiviwat, Mohammad Shahrazel Razalli and Siti Zuraidah Ibrahim (Universiti Malaysia Perlis, Malaysia)
13:22	IF-3	A 4.9GHz Low Phase Noise QVCO using Ring Coupling Technique and Used for Wireless Band Application	Wen Cheng Lai, Sheng–Lyang Jang, Shyh-Shyang Su, Ho-Chang Lee, Yen-Jung Su (National Taiwan University of Science and Technology, Taiwan)
13:29	IF-4	Compact Microstrip Diplexer Using Triple-mode Stub Loaded Resonators	Sarun Choocadee (Songkhla Rajabhat University, Thailand), Nattapong Intarawiset (King Mongkut's University of Technology North Bangkok, Thailand), Sugchai Tantiviwat (Universiti Malaysia Perlis, Malaysia)
13:36	IF-5	Small-Size and Low-Cost Wideband 800 MHz Delay Line Tunable from 1.3 ns to 1.67 µs for Automotive Radar Sensor	Fabien ARZUR and Marc Le Roy (Lab-STICC, France), Gérard Tanné (Lab-STICC - Université de Bretagne Occidentale, France), Andre Perennec (Lab-STICC, France), Nicolas Bordais (ZF TRW Autocruise, France)
13:43	IF-6	Radar Cross Section Enhancement Using Semicylindrical Retroreflector Based on Transformation Electromagnetics	Kento Nakagawa and Atsushi Sanada (Osaka University, Japan)
13:50	IF-8	Small Form Factor Dual Band (28/38 GHz) PIFA Antenna for 5G Applications	Waleed Ahmad (Lahore University of Management Sciences, Pakistan), Wasif Khan (LUMS &amp, LUMS, Pakistan)
13:57	IF-9	Design of Dual-Band CPS-Fed Dipole Antenna for 2.4/5.2 GHz WLAN operation	R. Jeenawong (Rajamangala University of Technology Thanyaburi, Thailand), N. Intarawiset (King Mongkut's University of Technology North Bangkok, Bangkok, Thailand), J. Keawkuman (Rajamangala University of Technology Thanyaburi, Thailand)
14:04	IF-10	Sandwiched Parallel Plate Capacitive Coupler for Wireless Power Transfer Tolerant of Electrode Displacement	Motoaki Miyazaki, Shinji Abe, Yoshiki Suzuki, Naoki Sakai and Takashi Ohira (Toyohashi University of Technology, Japan), Masayoshi Sugino (Nippon Soken Inc., Japan)
14:11	IF-11	Indoor Intelligent Vehicle localization using WiFi Received Signal Strength Indicator	Dinh Van Nguyen (INRIA, France and MICA, Vietnam), Fawzi Nashashibi (INRIA, France), Thanh Huong Nguyen, Eric Castelli (Hanoi University of Science and Technology & MICA, Vietnam)
14:18	IF-12	A Multipath based Height Estimation of Targets for Radar Systems	Sebastian Olbrich (Robert Bosch GmbH), Christian Waldschmidt (University of Ulm, Germany)
14:25	IF-13	Nonlinear Effects for Sidelobe Characteristics of Pulse Radars	Takashi Shiba, Masato Watanabe, Masahiro Ishii, Manabu Akita and Takayuki Inaba (The University of Electro-Communications, Japan)
14:32	IF-14	3D Remote Sensing Based on Frequency Scanning Metamaterial Antenna Array Using Linear Sampling Method	Mehdi Salarkaleji (Wayne State University, USA), Mohammadreza Eskandari (Isfahan University of Technology, Iran), Jimmy Ching-Ming Chen and Chung-Tse Michael Wu (Wayne State University, USA)
14:39	IF-15	Hand-Gesture Sensing Doppler Radar with Metamaterial-Based Leaky-Wave Antennas	Ssu-Ting Huang (Wistron Neweb Corporation, Taiwan), Chao-Hsiung Tseng (National Taiwan University of Science and Technology, Taiwan)

Break (14:46-15:15)

SU2

Advanced Component Technologies for Intelligent Mobilities

DAY1 | March 19, 2017
15:15-16:55 | Place: Conference Room
Session Co-Chairs: Maciej Kucharski, IHP Microelectronics, Germany
Yasunori Suzuki, NTT DOCOMO, INC, Japan

TIME	PAPER #	TITLE	AUTHORS
15:15	SU2-1	An Integrated 122GHz Differential Frequency Doubler with 37GHz Bandwidth in 130 nm SiGeBiCMOS Technology	Arzu Ergintav (IHP GmbH, Germany), Frank Herzel, J. Borngräber, Dietmar Kissinger and Herman Ng (IHP, Germany)
15:35	SU2-2	A 30.5 GHz Fully Integrated Frequency Synthesizer in SiGe BiCMOS for 61 GHz and 122 GHz Radar Applications	Maciej Kucharski (IHP Microelectronics, Germany), Arzu Ergintav (IHP GmbH, Germany), Frank Herzel, Dietmar Kissinger and Herman Ng (IHP, Germany)
15:55	SU2-3	Experimental Investigation on 15 GHz Band Integrated Front-End Module Including Antenna and Filter for 5G Mobile Communications Systems	Yasunori Suzuki (NTT DOCOMO, INC, Japan), Kei Satoh and Hiroshi Okazaki (NTT DOCOMO, Japan), Shoichi Narahashi (NTT DOCOMO, Japan), Takana Kaho and Maki Arai (NTT Corp., Japan), Yo Yamaguchi (NTT Corp., Japan)
16:15	SU2-4	Digitally Enhanced High Speed ADC for Low Power Wireless Applications	Thomas Y. Lee (Microchip Technology Inc, USA)
16:35	SU2-5	Highly Angle and Frequency Selective Absorption by Mushroom Metasurfaces for Indoor Propagation Control	Subaru Morita, Hidehisa Shiomi, Hiroshi Murata and Atsushi Sanada (Osaka University, Japan)

ICMIM2017 Reception

DAY1 | March 19, 2017
Time: 17:30-19:30 | Place: Cafeteria, University Hall

DAY2 | Monday, March 20, 2017

Plenary Session

DAY2 | March 20, 2017
8:30-9:25 | Place: Conference Room

TIME		EVENT/TITLE	SPEAKER
8:30		Welcome address from ICMIM2017 General Co-Chair	Hiroshi Kondoh (EHF Consulting, Japan)
8:35		Welcome address from MTT-S President	Dylan Williams (IEEE MTT-S President)
8:40		Welcome address from TPC Chair	Atsushi Sanada (Osaka University, Japan)
8:45	KEYNOTE-1	Overview and Update on Japanese National SIP Program for Automated Driving	Seigo Kuzumaki (Program Director for SIP, Cabinet Office, Government of Japan/Toyota Motor Corp., Japan)
9:25	KEYNOTE-2	Connected Cars and ITS	Yuji Nakamura (Director, New Generation Mobile Communications Office, Ministry of Internal Affairs and Communications, Japan), Takanori Mashiko (Deputy Director, New Generation Mobile Communications Office, Ministry of Internal Affairs and Communications, Japan)

Break (10:05-10:20)

MO1

Focused Session I: Automated and Autonomous Driving Technologies for Automotives

DAY2 | March 20, 2017
10:20-12:20 | Place: Conference Room
Session Co-Chairs: Mohammad Madihian, IEEE, USA/
Hiroshi Kondoh, EHF Consulting, Japan

TIME	PAPER #	TITLE	AUTHORS
10:20	MO1-1	INVITED: Nissan's Latest Approach to ADAS and Automated Driving	Masao Fukushima (Nissan Motor Corp., Japan)
10:50	MO1-2	INVITED: Honda's Latest Approach to ADAS and Automated Driving	Yoichi Sugimoto (Honda Automobile R&D Center, Japan)
11:20	MO1-3	INVITED: An Experimental High Performance Radar System for Highly Automated Driving	Frank Meinl (Advanced Engineering Sensor Systems (CC/ENA2), Robert Bosch GmbH, Germany)
11:50	MO1-4	INVITED: Self-Driving Vehicle Will Change the Future of Mobility in Depopulated Areas in Japan	Naoki Suganuma (Kanazawa University, Japan)

Lunch (12:20-13:20)

MO2

Interactive Forum and Exhibition I

DAY2 | March 20, 2017
13:20-14:20 | Place: Foyer
Session Chair: Ryo Ishikawa, The University of ElectroCommunications, Japan
Please refer to the ICMIM2017 web page (http://icmim-ieee.org) for the exhibitor list.

PAPER #	TITLE	AUTHORS
IF-1	Miniature Microstrip Bandpass Filters Based on Quadruple-Mode Resonators with Less Via	Sugchai Tantiviwat, Mohammad Shahrazel Razalli and Siti Zuraidah Ibrahim (Universiti Malaysia Perlis, Malaysia)
IF-3	A 4.9GHz Low Phase Noise QVCO using Ring Coupling Technique and Used for Wireless Band Application	Wen Cheng Lai, Sheng–Lyang Jang, Shyh-Shyang Su, Ho-Chang Lee, Yen-Jung Su (National Taiwan University of Science and Technology, Taiwan)
IF-4	Compact Microstrip Diplexer Using Triple-mode Stub Loaded Resonators	Sarun Choocadee (Songkhla Rajabhat University, Thailand), Nattapong Intarawiset (King Mongkut's University of Technology North Bangkok, Thailand), Sugchai Tantiviwat (Universiti Malaysia Perlis, Malaysia)
IF-5	Small-Size and Low-Cost Wideband 800 MHz Delay Line Tunable from 1.3 ns to 1.67 µs for Automotive Radar Sensor	Fabien ARZUR and Marc Le Roy (Lab-STICC, France), Gérard Tanné (Lab-STICC - Université de Bretagne Occidentale, France), Andre Perennec (Lab-STICC, France), Nicolas Bordais (ZF TRW Autocruise, France)
IF-6	Radar Cross Section Enhancement Using Semicylindrical Retroreflector Based on Transformation Electromagnetics	Kento Nakagawa and Atsushi Sanada (Osaka University, Japan)

IF-8	Small Form Factor Dual Band (28/38 GHz) PIFA Antenna for 5G Applications	Waleed Ahmad (Lahore University of Management Sciences, Pakistan), Wasif Khan (LUMS & LUMS, Pakistan)
IF-9	Design of Dual-Band CPS-Fed Dipole Antenna for 2.4/5.2 GHz WLAN operation	R. Jeenawong (Rajamangala University of Technology Thanyaburi, Thailand), N. Intarawiset (King Mongkut's University of Technology North Bangkok, Bangkok, Thailand), J. Keawkuman (Rajamangala University of Technology Thanyaburi, Thailand)
IF-10	Sandwiched Parallel Plate Capacitive Coupler for Wireless Power Transfer Tolerant of Electrode Displacement	Motoaki Miyazaki, Shinji Abe, Yoshiki Suzuki, Naoki Sakai and Takashi Ohira (Toyohashi University of Technology, Japan), Masayoshi Sugino (Nippon Soken Inc., Japan)
IF-11	Indoor Intelligent Vehicle localization using WiFi Received Signal Strength Indicator	Dinh Van Nguyen (INRIA, France and MICA, Vietnam), Fawzi Nashashibi (INRIA, France), Thanh Huong Nguyen, Eric Castelli (Hanoi University of Science and Technology & MICA, Vietnam)
IF-12	A Multipath based Height Estimation of Targets for Radar Systems	Sebastian Olbrich (Robert Bosch GmbH), Christian Waldschmidt (University of Ulm, Germany)
IF-13	Nonlinear Effects for Sidelobe Characteristics of Pulse Radars	Takashi Shiba, Masato Watanabe, Masahiro Ishii, Manabu Akita and Takayuki Inaba (The University of Electro-Communications, Japan)
IF-14	3D Remote Sensing Based on Frequency Scanning Metamaterial Antenna Array Using Linear Sampling Method	Mehdi Salarkaleji (Wayne State University, USA), Mohammadreza Eskandari (Isfahan University of Technology, Iran), Jimmy Ching-Ming Chen and Chung-Tse Michael Wu (Wayne State University, USA)
IF-15	Hand-Gesture Sensing Doppler Radar with Metamaterial-Based Leaky-Wave Antennas	Ssu-Ting Huang (Wistron Neweb Corporation, Taiwan), Chao-Hsiung Tseng (National Taiwan University of Science and Technology, Taiwan)

MO3

Focused Session II: Enabling Technologies for Autonomous Operations, Sensors and Localization

DAY2 | March 20, 2017
14:20-15:50 | Place: Conference Room
Session Co-Chairs: Herbert Jaeger, Jacobs University Bremen, Germany
Hiroshi Okazaki, NTT DOCOMO, Japan

TIME	PAPER #	TITLE	AUTHORS
14:20	MO3-1	INVITED: Advanced Silicon Based mmW Technologies Enable the Design of Highly Integrated Radar SoCs for Autonomous Driving	Rudolf Lachner (Infineon, Germany)
14:50	MO3-3	INVITED: LTE Evolution for V2X Communication	Shinpei Yasukawa (NTT DOCOMO, Japan)
15:20	MO3-4	INVITED: Construction of M2M Radio Communication Network in Mine Site	Ryota Yamasaki (Hitachi Construction Machinery, Japan)

Break (15:50-16:05)

MO4

Wireless Power Transfer Technologies

DAY2 | March 20, 2017
16:05-17:15 | Place: Conference Room
Session Co-Chairs: Wayne Shiroma, University of Hawaii, USA
Tomohiko Mitani, Kyoto Universiy, Japan

TIME	PAPER #	TITLE	AUTHORS
16:05	MO4-1	INVITED: A Battery-Less Electric Roadway Vehicle Runs for the First Time in the World	Prof. Takashi Ohira, Toyohashi (University of Technology, Japan)
16:35	MO4-2	Study on Cavity Resonator Wireless Power Transfer to Sensors in an Enclosed Space with Scatterers	Ippei Takano, Daigo Furusu, Yousuke Watanabe and Masaya Tamura (Toyohashi University of Technology, Japan)
16:55	MO4-3	Verification Efficiency of Electric Coupling Wireless Power Transfer in Water	Yasumasa Naka, Kyohei Yamamoto, Takuma Nakata and Masaya Tamura (Toyohashi University of Technology, Japan), Mitsuru Masuda (FURUKAWA ELECTRIC CO., LTD, Japan)

ICMIM2017 Banquet

DAY2 | March 20, 2017
Time: 19:00-21:00 | Place: Rose Court Hotel, Nagoya

DAY3 | Tuesday, March 21, 2017

TU1

Signal Processing for Enhanced Functionality of Automotive Radars toward Autonomous Driving

DAY3 | March 21, 2017
8:00-9:40 | Place: Conference Room
Session Co-Chairs: Christian Waldschmidt, University of Ulm, Germany
Yo Yamaguchi, NTT Corporation, Japan

TIME	PAPER #	TITLE	AUTHORS
8:00	TU1-1	Object Classification in Radar Using Ensemble Methods	Jakob Lombacher (Daimler AG, Germany), Markus Hahn (DAIMLER AG, Germany), Juergen Dickmann (Daimler AG, Germany), Christian Wöhler (Dortmund University of Technology, Germany)
8:20	TU1-2	Parking Space Detection from a Radar Based Target List	Robert Prophet and Marcel Hoffmann (Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany), Martin Vossiek (LHFT, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany), Christian Sturm and Gang Li (Valeo Schalter und Sensoren GmbH, Germany)
8:40	TU1-3	Template Matching for Radar-Based Orientation and Position Estimation in Automotive Scenarios	Johannes Schlichenmaier and Niranjan Selvaraj (Ulm University, Germany), Martin Stolz (Robert Bosch GmbH, Germany), Christian Waldschmidt (University of Ulm, Germany)
9:00	TU1-4	Vertical Digital Beamforming VS. Multipath Height Finding	Amir Laribi (Daimler AG, Germany), Markus Hahn (DAIMLER AG, Germany), Juergen Dickmann (Daimler AG, Germany), Christian Waldschmidt (University of Ulm, Germany)
9:20	TU1-5	Increasing FastSLAM Accuracy for Radar Data by Integrating the Doppler Information	Stefanie Lupfer and Matthias Rapp (Ulm University, Germany), Peter Brosseit and Jakob Lombacher (Daimler AG, Germany), Markus Hahn (DAIMLER AG, Germany), Juergen Dickmann (Daimler AG, Germany), Klaus Dietmayer (Ulm University, Germany)

Break (9:40-9:55)

TU2

System Designs of Radars/Sensors/Monitoring and Their Improvement by Advanced Modulation Schemes

DAY3 | March 21, 2017
9:55-12:05 | Place: Conference Room
Session Co-Chairs: Martin Vossiek, University of Erlangen-Nuremberg, Germany
Koji Yamanaka, Mitsubishi Electric Corporation, Japan

TIME	PAPER #	TITLE	AUTHORS
9:55	TU2-1	INVITED: Wireless Tracking for Dynamic Team Sport Application	Thomas von der Grün, Fraunhofer IIS, Germany
10:25	TU2-2	A Custom Lightweight UAV for Radar Remote Sensing: Concept design, properties and possible applications	Martin Schütz, Martin Oesterlein and Christoph Birkenhauer (LHFT, Friedrich-Alexander-Universität Erlangen-Nürnberg), Martin Vossiek (LHFT, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany)
10:45	TU2-3	Experimental Verification of a 77-GHz Synthetic Aperture Radar System for Automotive Applications	Reinhard Feger (Johannes Kepler University Linz, Austria), Andreas Haderer (INRAS GmbH., Austria), Andreas Stelzer (Johannes Kepler University of Linz, Austria)
11:05	TU2-4	Experimental Comparison of Stepped Multiple Frequency CPC with Pulse Compression	Manabu Akita, Yuya Ota, Masato Watanabe and Takayuki Inaba (The University of Electro-Communications, Japan)
11:25	TU2-5	Dual Slope Interlaced Chirp Sequence Radar with Improved Target Separation Capability	Karsten Thurn (Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany), Martin Vossiek (LHFT, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany)
11:45	TU2-6	A novel UWB chirp sequence radar signal processing concept for chipless RFID based vehicle localization	Maximilian Poepperl and Michael Gottinger (Friedrich-Alexander-University Erlangen-Nürnberg, Germany), Rolf Jakoby (Institute for Microwave Engineering and Photonics, Technische Universität Darmstadt, Germany), Martin Vossiek (University of Erlangen-Nuremberg, Germany)

Lunch (12:05-13:05)
TU3

Interactive Forum and Exhibition II

DAY3 | March 21, 2017
13:05-14:05 | Place: Foyer
Session Chair: Kensuke Okubo, Okayama Prefectural University, Japan

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IF-10	Sandwiched Parallel Plate Capacitive Coupler for Wireless Power Transfer Tolerant of Electrode Displacement	Motoaki Miyazaki, Shinji Abe, Yoshiki Suzuki, Naoki Sakai and Takashi Ohira (Toyohashi University of Technology, Japan), Masayoshi Sugino (Nippon Soken Inc., Japan)
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IF-15	Hand-Gesture Sensing Doppler Radar with Metamaterial-Based Leaky-Wave Antennas	Ssu-Ting Huang (Wistron Neweb Corporation, Taiwan), Chao-Hsiung Tseng (National Taiwan University of Science and Technology, Taiwan)

TU4

Antenna Technologies for High-Performance Radars, Sensing, and Localization

DAY3 | March 21, 2017
14:05-15:15 | Place: Conference Room
Session Co-Chairs: Tatsuo Itoh, UCLA, USA
Kenji Itoh, Kanazawa Institute of Technology, Japan

TIME	PAPER #	TITLE	AUTHORS
14:05	TU4-1	INVTED: Performance Improvement of Localization of Radio Sources by using Spatial Smoothing Processing in Near-field DOA-Matrix Method with SAGE Algorithm	Nobuyoshi Kikuma, Kensuke Tanaka, and Kunio Sakakibara (Nagoya Institute of Technology, Japan)
14:35	TU4-2	Compact Cavity-Backed Dual-Polarized Aperture Antennas for Millimeter Wave MIMO Applications	Nan-Chin Chuang, He-Sheng Lin and Yi-Cheng Lin (National Taiwan University, Taiwan)
14:55	TU4-3	Dual-Polarized Directivity Enhanced Active Metamaterial Antenna for Polarimetric Radar Applications	Dongyin Ren and Jun H. Choi (Syracuse University, USA), Tatsuo Itoh (UCLA, USA)
15:15	TU4-5	Multibeam-switching Millimeter-wave Antenna using Beam-tilting Design in Perpendicular Plane to Feeding line of Microstrip Comb-line Antenna	Hiroya Tanabe, Kunio Sakakibara and Nobuyoshi Kikuma (Nagoya Institute of Technology, Japan)

Break (15:35-15:50)

TU5

Mutual- and Self-Interference of Radars: Analyses and Solutions

DAY3 | March 21, 2017
15:50-17:50 | Place: Conference Room
Session Co-Chairs: Thomas Zwick, Karlsruhe Institute of Technology, KIT, Germany
Shintaro Shinjo, Mitsubishi Electric Corporation, Japan

TIME	PAPER #	TITLE	AUTHORS
15:50	TU5-1	A Novel Technique for Interference Mitigation in OFDM Radar using Compressed Sensing	Benjamin Nuss (Karlsruhe Institute of Technology, Germany), Leen Sit and Thomas Zwick (Karlsruhe Institute of Technology (KIT), Germany)
16:10	TU5-2	Interference of Chirp Sequence Radars by OFDM Radars at 77 GHz	Christina Knill (Ulm University, Germany), Jonathan Bechter and Christian Waldschmidt (University of Ulm, Germany)
16:30	TU5-3	Electric-Field Visualization Technique for Evaluating Radiation from Automotive Millimeter-Wave Radar	Koki Yamaguchi, Hikaru Nakajima, Huy Hai Nguyen Pham, Shintaro Hisatake and Tadao Nagatsuma (Osaka University, Japan), Hirohisa Uchida (ARKRAY Inc., Japan), Makoto Tojo, Yoichi Oikawa and Kunio Miyaji (Think-Lands Co., Ltd., Japan)
16:50	TU5-4	Bias Angle Error Self-Correction for Automotive Applications Using Phased Array Radars Installed Behind Bumpers	Koichiro Suzuki and Chiharu Yamano (Denso IT Laboratory, INC., Japan), Yasuyuki Miyake and Takayuki Kitamura (DENSO, Japan)
17:10	TU5-5	Influence of Vibrations on the Signals of Automotive Integrated Radar Sensors	Florian Hau and Florian Baumgaertner (Daimler AG, Germany), Martin Vossiek (LHFT, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany)
17:30	TU5-6	Analysis of Leakage in a 77-GHz Quasi Circulator based Transceiver with Time Division IQ Switching	Matthias Porranzl (Johannes Kepler University Linz, Austria), Christoph Wagner (Danube Integrated Circuit Engineering (DICE), Linz, Austria), Herbert Jäger (Danube Integrated Circuit Engineering, Austria), Andreas Stelzer (Johannes Kepler University of Linz, Austria)

ICMIM2017 Closing

DAY3 | March 21, 2017
17:50-18:00 | Place: Conference Room

EVENT	SPEAKER
Introduction of ICMIM2018	Martin Vossiek (FAU Erlangen-Nürnberg, Germany)
Address from ICMIM2017 General Co-Chair	Andreas Stelzer (Johannes Kepler University, Austria)