



# IPIN 2016

SEVENTH INTERNATIONAL CONFERENCE ON  
INDOOR POSITIONING AND INDOOR NAVIGATION  
October 4-7, 2016 / Alcalá de Henares, Madrid, Spain



## IPIN 2016 - Program at a Glance

Time					
<b>Tuesday, 4 October</b>					
Registration, Competitions and Tutorials (see detailed program)					
<b>Wednesday, 5 October</b>					
8:15 - 9:00	Registration				
9:00 - 10:00	<b>Keynote. Dr. Thomas Burgess, indoor.rs, Austria "Indoor Navigation: The Crowd is the future - Crowd learning for indoor positioning"</b>				
10:00 - 10:30	Coffee break				
10:30 - 12:30	Paralell sessions				
	A1. Hybrid IMU Pedestrian Navigation & Foot Mounted Navigation (I). Papers: 58, 64, 67, 84, 85	B1. User requirements. Papers: 26, 37, 83, 91, 161	C1. Human Motion Monitoring. Papers: 69, 108, 118, 146, 155	D1. Self-contained sensors. Papers: 34, 117, 137, 151, 154	E1. Signal Strength Based Methods, Fingerprinting (I). Papers: 25, 35, 51, 59, 74
12:30 - 14:00	Lunch				
14:00 - 16:00	Paralell sessions				
	A2. Hybrid IMU Pedestrian Navigation & Foot Mounted Navigation (II). Papers: 87, 93, 111, 121, 167	B2. UWB (Ultra-wideband). Papers: 21, 55, 82, 95, 168	C2. Optical Systems. Papers: 78, 97, 106, 145, 166	D2. Ultrasound systems. Papers: 77, 99, 105, 140, 141	E2. Signal Strength Based Methods, Fingerprinting (II). Papers: 89, 92, 135, 152, 165
16:00 - 17:30	Coffee break & Poster Session				
18:30	University Welcome & Reception-Cocktail				
<b>Thursday, 6 October</b>					
8:15 - 9:00	Registration				
9:00 - 10:00	<b>Keynote. Professor Moe Win. MIT, USA. "Location, location, and location!"</b>				
10:00 - 10:30	Coffee break				
10:30 - 12:30	Paralell sessions				
	A3. TOF, TDOA based Localization. Papers: 46, 76, 104, 138, 160	B3. Localization, Algorithms for Wireless Sensor Networks. Papers: 41, 48, 107, 123, 159	C3. Frameworks for Hybrid Positioning. Papers: 36, 40, 45, 112, 131	D3. Mapping, SLAM. Papers: 31, 65, 116, 122, 174	E3. Other systems and applications. Papers: 38, 56, 100, 102, 158
12:30 - 14:00	Lunch				
14:00 - 16:00	Paralell sessions				
	A4. Novel uses of maps and 3D building models. Papers: 24, 66, 70, 115, 129	B4. Magnetic Localization. Papers: 75, 110, 119, 153	C4. Innovative Systems. Papers: 60, 81, 142, 148, 163	D4. Applications of Location Awareness & Context Detection. Papers: 29, 32, 79, 132, 164	E4. Competition Presentations (I) Track #1 and Track #3
16:00 - 16:30	Coffee break				
16:30 - 18:30	Paralell sessions				
		B5. High Sensitivity GNSS, Indoor GNSS, Pseudolites. Papers: 44, 52, 61, 63, 170	C5. Passive & Active RFID. Papers: 47, 90, 113, 125, 144	D5. Indoor Spatial Data Model & Indoor Mobile Mapping. Papers: 54, 72, 73, 127, 143	E5. Competition Presentations (II) Track #2 and Track #4
19:30 - 20:30	Alcalá de Henares visit				
20:30	Gala Dinner				
<b>Friday, 7 October</b>					
9:00 - 10:15	Industry Panel				
10:15 - 10:45	Coffee break				
10:45 - 11:45	Best papers presentation				
12:00 - 13:00	Competition Awards Ceremony				
13:00 - 13:30	Closing Ceremony and IPIN2017 presentation				
13:30	Farewell cocktail				
			<b>ROOM</b>	<b>SESSIONS</b>	
			Auditorium	A1, A2, B3, E4, E5	
			NA5	B1, B2, C3, A4, B5	
			NA6	C1, C2, A3, B4, C5	
			NA7	E1, E2, D3, D4, D5	
			NA8	D1, D2, E3, C4	