

Location Aware Technologies and Applications on Smartphones

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Chairs: Enrique Costa-Montenegro, University of Vigo, Spain and Yi Shang, University of Missouri, USA

Wi-Fi Assistance to SUPL-based Assisted-GPS Simulators for Indoor Positioning

Mohanapriya Chittoor Sundaramurthy (University of Texas at San Antonio, USA); Sandesh N Chayapathy (University of Texas at San Antonio, USA); Abhinav Kumar (University of Texas at San Antonio, USA); David Akopian (The University of Texas at San Antonio, USA)

An Adaptive User Interface based on Spatiotemporal Structure Learning

Hosub Lee (Samsung Electronics, Korea); Youngsang Choi (Samsung Electronics, Korea); YeoJin Kim (Samsung Electronics, Korea)

QR-Maps: an Efficient Tool for Indoor User Location Based on QR-Codes and Google Maps

Enrique Costa-Montenegro (University of Vigo, Spain); Francisco Gonzlez-Castao (Universidad de Vigo, Spain); David Conde-Lagoa (University of Vigo, Spain); Beln Barragns-Martnez (Centro Universitario de la Defensa, Escuela Naval Militar, Marn, Spain)

Indoor Localization for Wi-Fi Devices by Cross-Monitoring AP and Weighted Triangulation

Yong Cheol Kim (University of Seoul, Korea); Bumgon Kim (University of Seoul, Korea); Wonsun Bong (University of Seoul, Korea)

Energy Measurements Campaign for Positioning Methods on State-of-the-Art Smartphones

Julien Eberle (EPFL - Lausanne, Switzerland); Gian Paolo Perrucci (Nokia Research Center,

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