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Cognitive Radio Oriented Wireless Networks and Wireless Internet

16th EAI International Conference, CROWNCOM 2021
Virtual Event, December 11, 2021
and 14th EAI International Conference, WiCON 2021
Virtual Event, November 9, 2021, Proceedings

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Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering 427

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Preface

We are delighted to introduce the proceedings of EAI CROWNCOM 2021 - the 16th EAI International Conference on Cognitive Radio Oriented Wireless Networks. This conference brought together researchers, developers, and practitioners around the world who are leveraging and developing cognitive radio systems. The theme of EAI CROWNCOM 2021 was "innovations and applications with cognitive-based solutions in the context of 5G and beyond".

The technical program of EAI CROWNCOM 2021 consisted of 18 full papers, including six invited papers, in oral presentation sessions at the main conference tracks. The 18 full papers were selected from 44 submissions during a rigorous double-blind review process, with a minimum of three reviews per paper, and the invited papers underwent the same process as the regular papers. Aside from the high-quality technical paper presentations, the technical program also featured a keynote speech given by Guo Qing from the Harbin Institute of Technology, China.

Coordination with the steering chair, Imrich Chlamtac, was essential for the success of the conference. We sincerely appreciate his constant support and guidance. It was also a great pleasure to work with such an excellent organizing committee team for their hard work in organizing and supporting the conference. In particular, we are grateful to the Technical Program Committee (TPC), led by TPC Co-chairs Qianbin Chen, Qinyu Zhang, and Guo Qing, who completed the peer-review process for technical papers and put together a high-quality technical program. We are also grateful to Conference Manager Jacqueline Sirotova for her support and all the authors who submitted their papers to the EAI CROWNCOM 2021 conference.

We strongly believe that EAI CROWNCOM provides a good forum for all researchers, developers, and practitioners to discuss all science and technology aspects that are relevant to cognitive radio. We also expect that the future EAI CROWNCOM conferences will be as successful and stimulating as this year's, as indicated by the contributions presented in this volume.

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Preface

We are delighted to present the proceedings of the 14th edition of the European Alliance for Innovation (EAI) International Wireless Internet Conference (WiCON 2021). This conference brought together the researchers, developers, and practitioners around the world who are developing wireless technologies for Internet Communications.

The technical program of WiCON 2021 had a total of seven full papers, including two invited papers, in oral presentation sessions at the main conference tracks. The papers were selected based on a rigorous double-blind review process, with a minimum of three reviews per paper, and the invited papers underwent the same process as the regular papers. Aside from the high-quality technical paper presentations, the technical program also featured one keynote speech and one tutorial. The keynote speaker was Nguyen H. Tran from the School of Computer Science, University of Sydney, Australia. The tutorial presenter was Leandros Maglaras from the School of Computer Science and Informatics, De Montfort University, UK.

Coordination with the steering committee, comprising, Imrich Chlamtac and Der-Jiunn Deng, was essential for the success of the conference. We sincerely appreciate their constant support and guidance. It was also a great pleasure to work with such an excellent organizing committee team for their hard work in organizing and supporting the conference. We are also grateful to the conference managers, Jacqueline Sirotová and Aleksandra Sledziejowska, for their support and all the authors who submitted their papers to the WiCON 2021 conference.

We strongly believe that this event provides a good forum for all researchers, developers, and practitioners to discuss various science and technology aspects that are relevant to wireless Internet technologies. We expect that the future editions of WiCON will be as successful and stimulating as this year's, as indicated by the contributions presented in this volume.

Al-Sakib Khan Pathan
Zubair Md. Fadlullah
Salimur Choudhury
Mohamed Guerroumi

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