At your hand, the proceedings of the IEEE 13th International Workshop On Electronics, Control, Measurement, Signals and their Application in Mechatronics, ECMSM’17. This bi-annual event born from the collaboration between Technical University of Liberec in Czech Republic, Paul Sabatier University in Toulouse, France, and Mondragon University in Spanish Basque Country.

The proceeding includes 51 technical papers, distributed among 9 fields:

1. Images Processing
2. Signal Acquisition and Processing
3. Fault Detection and Diagnosis in Mechatronic
4. Sensors and Measurement
5. Electrical Drives and Control
6. Robotics and Autonomous Systems
7. Actuation
8. Analog/ Hybrid design
9. Networking and Operating Systems

In this edition, we will especially focus on the present industrial evolution called industry 4.0. The aforementioned fields are having a relevant impact on the new industrial arena. The keynote speakers will highlight the main opportunities and challenges on three technologies driving the industry 4.0: Collaborative Robotics, Internet of things and Big Data.

Mondragon University have had the honour on organising the event in this 13th edition, but we have to be grateful for all international cooperation and support received, highlighting that provided by researchers involved with prospective papers' reviewing process.

Best regards.

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