

Preface

This book presents the proceedings of the Third IAPR TC3 Workshop on Pattern Recognition of Social Signals in Human-Computer-Interaction (MPRSS 2014). This workshop endeavored to bring recent research in pattern recognition and human-computer-interaction together, and succeeded to install a forum for ongoing discussions. In recent years, research in the field of intelligent human-computer-interaction has made considerable progress in methodology and application. However, building intelligent artificial companions capable to interact with humans, in the same way humans interact with each other, remains a major challenge in this field. Pattern recognition and machine learning methodology play a major role in this pioneering research. MPRSS 2014 mainly focuses on pattern recognition, machine learning, and information fusion methods with applications in social signal processing, including multimodal emotion recognition, user identification, and recognition of human activities. For the MPRSS 2014 workshop 14 papers were selected for presentation at the workshop and inclusion in this volume.

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