These proceedings are a record of the Multiple Classifier Systems Workshop, MCS 2009, held at the University of Iceland, Reykjavik, Iceland in June 2009. Being the eighth in a well-established series of meetings providing an international forum for the discussion of issues in multiple classifier system design, the workshop achieved its objective of bringing together researchers from diverse communities (neural networks, pattern recognition, machine learning and statistics) concerned with this research topic.

From more than 70 submissions, the Program Committee selected 54 papers to create an interesting scientific program. The special focus of MCS 2009 was on the application of multiple classifier systems in remote sensing. This particular application uses multiple classifiers for raw data fusion, feature level fusion and decision level fusion. In addition to the excellent regular submission in the technical program, outstanding contributions were made by invited speakers Melba Crawford from Purdue University and Zhi-Hua Zhou of Nanjing University. Papers of these talks are included in these workshop proceedings. With the workshop’s application focus being on remote sensing, Prof. Crawford’s expertise in the use of multiple classification systems in this context made the discussions on this topic at MCS 2009 particularly fruitful.

As usual, the workshop would not have been possible without the help of many individuals and organizations. First of all, our thanks go to the members of the MCS 2009 Program Committee, whose expertise and dedication helped us create an interesting event that marks the progress made in this field over the last two years and aspires to chart its future research. The help of Shirley Hankers from the University of Surrey, who administered the submitted papers review, and of Björn Waske from the University of Iceland, who compiled the camera-ready manuscripts into a well-structured volume deserve a particular mention. The co-sponsorship of the event by the International Association for Pattern Recognition and its Technical Committee TC1: Statistical Techniques in Pattern Recognition, the IEEE Geoscience and Remote Sensing Society, the IEEE Iceland Section, the University of Iceland, the University of Cagliari and the University of Surrey is greatly appreciated and gratefully acknowledged.

June 2009

Jón Atli Benediktsson
Josef Kittler
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Organization

The MCS 2009 was organized by the Faculty of Electrical and Computer Engineering of the University of Iceland in association with the Center for Vision, Speech and Signal Processing of the University of Surrey, UK and the Department of Electrical and Electronic Engineering of the University of Cagliari, Italy.

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