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Progress in Pattern Recognition, Image Analysis, Computer Vision, and Applications

16th Iberoamerican Congress, CIARP 2011
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Proceedings

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Preface

Nowadays, pattern recognition is a discipline that involves several areas of computer sciences such as: signal and image processing and analysis, computer vision, data mining, neural networks, artificial intelligence, clustering, statistical approaches, as well as their applications in areas like robotics, health, telecommunication, document analysis, speech processing, and natural language among others.

The Iberoamerican Congress on Pattern Recognition (CIARP) series have a relatively long tradition in the Iberoamerican research community, and have had participants from all over the world. CIARP 2011 was held in Pucón, Chile, during November 15–18, and received contributions by authors from Algeria, Argentina, Austria, Brazil, Canada, Chile, Colombia, Cuba, France, Germany, Hungary, Iran, Italy, Republic of Korea, Mexico, The Netherlands, New Zealand, Poland, Portugal, Romania, Russian Federation, Spain, Sweden, Switzerland, Tunisia, UK, USA, and Uruguay.

Previous versions of CIARP were held in Cuba in 1995, 1997, 1999, 2003, 2005, and 2008, Mexico in 1998, 2002, 2004, 2006, 2009, Portugal in 2000, Chile in 2007, and Brazil in 2001 and 2010. The conferences held in Portugal, Brazil, Cuba 2003/2005, Mexico 2004/2006/2008, Chile 2007, and Brazil 2010 were sponsored by IAPR. From the 2003 conference, the proceedings have been published by Springer in its *Lecture Notes in Computer Science* series.

The Organizing Committee of this version hopes that all scientists, researchers, engineers, and students enjoyed the conference, increased their experience and knowledge in pattern recognition fields and also enjoyed the magical environment and welcome offered by Pucón city and its people.

November 2011

César San Martín
Sang-Woon Kim

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CIARP 2011 was organized by the Information Processing Laboratory (IPL) of Universidad de La Frontera (UFRO) Chile.

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