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Selected Scholarly Contributions [Data Provided by **SCOPUS**]

[Emotional vocal expressions recognition using the COST 2102 Italian database of emotional speech](#)

Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 5967 LNCS, pp. 255-267, 2010.

[Development of Multimodal Interfaces: Active Listening and Synchrony - Preface](#)

Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 5967 LNCS, pp. VII-VIII, 2010.

[Sentic computing: Exploitation of common sense for the development of emotion-sensitive systems](#)

Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 5967 LNCS, pp. 148-156, 2010.

[Common sense computing: From the society of mind to digital intuition and beyond](#)

Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 5707 LNCS, pp. 252-259, 2009.

[A novel implicit adaptive pole-placement PID controller](#)

Proceedings of the IASTED International Conference on Modelling and Simulation, pp. 296-300, 2009.

[Maximising audiovisual correlation with automatic lip tracking and vowel based segmentation](#)

Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 5707 LNCS, pp. 65-72, 2009.

[A new hybrid agent-based modeling & simulation decision support system for breast cancer data analysis](#)

2009 International Conference on Information and Communication Technologies, ICICT 2009, pp. 134-139, 2009.

[Controlled and automatic processing in animals and machines with application to autonomous vehicle control](#)

Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 5768 LNCS (PART 1), pp. 198-207, 2009.

[An investigation into audiovisual speech correlation in reverberant noisy environments](#)

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Speech Communication, 51 (9), p. 713, 2009.

[Multi-modal speech processing methods: an overview and future research directions using a MATLAB based audio-visual toolbox](#)

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[Agent-based tools for modeling and simulation of self-organization in peer-to-peer, ad hoc, and other complex networks](#)

IEEE Communications Magazine, 47 (3), pp. 166-173, 2009.

[Brain inspired cognitive systems \(BICS\)](#)

Neurocomputing, 72 (4-6), pp. 683-684, 2009.

[Simulation of the research process](#)

Proceedings - Winter Simulation Conference, art. no. 4736206, pp. 1326-1334, 2008.

[Emergent common functional principles in control theory and the vertebrate brain: A case study with autonomous vehicle control](#)

Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 5164 LNCS (PART 2), pp. 949-958, 2008.

[Autonomous intelligent cruise control using a novel multiple-controller framework incorporating fuzzy-logic-based switching and tuning](#)

Neurocomputing, 71 (13-15), pp. 2727-2741, 2008.

[Engineering of intelligent systems \(ICEIS 2006\)](#)

Neurocomputing, 71 (13-15), pp. 2616-2618, 2008.