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# 19th International Workshop on Qualitative Reasoning (QR-05)

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Michael Hofbaur, Bernhard Rinner, Franz Wotawa
(Editors)

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# Nineteenth International Workshop on Qualitative Reasoning (QR-05)

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# Foreword

On behalf of the Program Committee, it is our pleasure to welcome you to the International Workshop on Qualitative Reasoning (QR05) held in Graz from May 18 to May 20, 2005. This is the 19th in a series of annual workshops to encourage interaction and cooperation among students, researchers and practitioners interested in the principles, techniques and applications of qualitative reasoning.

This year we received a total of 30 submissions from 13 different countries. After careful consideration, we have organized the presentations in six sessions on *Applications*, *Vision/Future*, *Modelling 1*, *Modelling 2*, *Robotics*, and *Methods*. The workshop's program is completed by a poster session. Moreover, we decided to invite two speakers from different fields in order to stimulate discussion and hopefully to establish new links.

Many volunteers have given their best efforts to make this workshop a successful event. We would like to thank all the members of the Program Committee and the Local Arrangement Committee as well as all the authors, presenters, invited speakers and reviewers for their energy and support to QR05. Special thanks go to

- National Instruments
- Austrian Research Centers
- Stadt Graz
- Land Steiermark
- Austrian Computer Society (OCG)
- Austrian Society for Artificial Intelligence (ÖGAI)
- European Network of Excellence in Model-based Systems and Qualitative Reasoning (MONET)

for their financial support. We are also grateful to the Graz University of Technology for providing the workshop's infrastructure.

We hope that you will enjoy QR05 as much as all of us have enjoyed organizing it for you.

Michael Hofbaur, Bernhard Rinner, Franz Wotawa May, 2005

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