

PREFACE

European Conference on Tribology (ECOTRIB) is the first biennial conference primarily focused on the economy and industrial landscape of central and southern Europe, arranged jointly with the Final Conference of the COST 532 Action: Triboscience and Tribotechnology. This event is co-organized by Slovenian Society for Tribology, Austrian Tribology Society, Italian Tribology Association – Tribology group of AIMETA and COST 532 action.

ECOTRIB is focused on the most important scientific and industrial problems of **Tribology, Surface Engineering and Monitoring & Diagnostics** and explore the most powerful methods for solving them. The main objective of the COST 532 Action on the other hand was to generating new scientific knowledge about the fundamental physical, chemical and mechanical phenomena governing friction, wear and lubrication in engines and transmissions. The final reports are presented in the proceedings of the conference.

The ECOTRIB conference has provided an international forum for researchers from industry and academia to discuss latest developments in Tribology, Surface Engineering and Technical Diagnostics. The purpose was to offer an opportunity to examine the state of the art and a perspective of scientific and technological achievements in selected areas by way of invited speakers, to provide researchers with a forum to present their findings and to provide practitioners with means to relate their experience and solutions to specific topics.

The conference was attended by more than 200 participants from 45 countries. There were 157 papers presented, including two Plenary Lectures, 12 Invited Lectures, 125 Oral presentations and 18 Poster Presentations. The papers were introduced to the other participants from the academia and industry from around the world. The best papers presented at the conference will be published in special issues of *Wear*, *Tribology International* and *Tribotest*. On the basis of this facts the Scientific and Organizing committee estimate believe that the purpose of the conference was more then achieved.

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