

Foreword

The Eötvös Loránd Geophysical Institute (ELGI) of Hungary celebrated its 100th anniversary in 2007–2008 with several programs. The most significant event was an international conference on the co-operative research results of the Institute on 28th February, 2008. In this issue we are publishing the short or partly extended abstracts of the papers presented at the conference in their unedited form – as usual in similar abstract books.

Six topics were covered at the conference representing the wide spectrum of the investigated fields in geophysics:

CO₂ storage

Contamination detection

Paleomagnetic studies

GEOMIND Geophysical Database Services

Advanced Seismic Acquisition and Processing

Lithospheric studies

We wanted to demonstrate above all that members of ELGI, as successors of the great Hungarian scientist, Loránd Eötvös, are strong in field survey as well as in pure scientific topics. Palaeomagnetic results or deep seismic investigations were equally present at the conference. We are proud of our results and hope that our readers will find new and interesting information on the subsequent pages. With this issue ELGI hopes to give insight into the wide spectrum of its scientific activities and also to demonstrate its distinguished place in the international world of geophysical research.

We also have to make the announcement that this is the last printed issue of our journal. Our regular readers are likely to have noticed that there has been more and more delay in the publication of issues in recent years. We hope to be able to solve our problems by switching over to electronic publishing. We will be announcing the new electronic issues of the journal on our website: *www.elgi.hu*. We hope our readers will find the electronic issues also interesting and worthwhile to read. As a result of electronic publishing we expect the number of papers per issue to increase in a short

time. We will continue the policy of publishing first and foremost the papers of our researcher colleagues at ELGI, but we would also like to give an opportunity to other prominent Hungarian authors to publish their results on these pages. International contributions are also welcome if the authors work in collaboration with Hungarian institutions.

Thank you for your continued interest in our journal in the past, and we hope you enjoy reading this issue as well.

Budapest, December 8, 2011

Tamás Fancsik
director