

## PREFACE

The Vietnam Institute for Advanced Study in Mathematics (VIASM) is fully functioning since January 2012. It aims to gather scientists from Vietnam and from abroad to work on a large spectrum of mathematics as well as applications of mathematics to other scientific disciplines. It provides great opportunities for Vietnamese students to come in close contact with the most advanced topics in contemporary mathematics and the pioneers who lead those advances.

In collaboration with *Acta Mathematica Vietnamica* (AMV), the VIASM organizes its annual meetings on same principles as the Bourbaki seminar. Each year, five speakers are invited to report on some of the most exciting developments in mathematics. It is preferred that speaker reports on other people's work instead of his or her own. A write-up of the talks, distributed to the audience during the meeting, will be refereed and later published as a special issue of AMV.

For the first Annual meeting, occurred on August 25-26, 2012, J.-P. Demailly, Tien-Cuong Dinh, H. Esnault, B. Gross, L. Schwartz have gracefully accepted to report on exciting advances in a broad range of topics, from complex, hyperbolic geometry to number theory in passing by algebraic topology. On behalf of the editorial board of AMV and the board of directors of the VIASM, I would like to thank them sincerely, as well as all participants of our first meeting.

Ngô Bảo Châu