

Preface

This volume is a collection of papers submitted on the occasion of the Iwasawa 2017 conference, which was held at the University of Tokyo from July 19th through July 28th, 2017. Iwasawa conferences have been held in principle every two years since 2004, and this conference in Tokyo was the seventh Iwasawa conference, following conferences in Besançon (France), Limoges (France), Irsee (Germany), Toronto (Canada), Heidelberg (Germany), and London (England). Moreover and most importantly, the conference had a special meaning to commemorate the 100th anniversary of Kenkichi Iwasawa's birth.

The Scientific committee of this conference consisted of John Coates, Ralph Greenberg, Cornelius Greither, Thong Nguyen Quang Do and Masato Kurihara, and the local organizers were Kenichi Bannai, Masato Kurihara and Takeshi Tsuji. From July 19th through 22nd we had the preparatory lecture series on 4 themes given by 5 speakers, and 21 speakers gave talks in the main conference held from July 24th through 28th.

We had 98 participants from 15 countries outside Japan, and 236 participants in total including Japanese participants. We first planned the preparatory lecture series mainly for Ph.D students and young researchers, but to our surprise, 126 participants attended the lecture series, and thus we had a quite active meeting from the first week. In the second week, during the main conference, the lecture room was full of people, and the participants could enjoy the talks by the speakers on their recent achievements and participate actively in discussions on several themes flourishing in Iwasawa theory. In this sense we are convinced that this conference was truly appropriate for the Centennial of Kenkichi Iwasawa's birth. On the 23rd of July some of the speakers and participants visited the grave of Iwasawa in Jozenji temple in Kiryu city.

We would like to express here our gratitude to all the speakers for their beautiful talks, and all the participants for their contribution to make this conference so active.

We would like to thank students of the University of Tokyo and of Keio University for various help in making this conference a success; especially thank Takashi Miura for leading and coordinating the students. We also thank heartily Jiro Nomura for his editorial help in preparing the files of the final version of this book.

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