

PREFACE

The international conference *Intelligence of Low Dimensional Topology 2006* (ILDT 2006) was held at Hiroshima University, Hiroshima, Japan during the period 22–26 July, 2006. It is a part of the research project “Constitution of wide-angle mathematical basis focused on knots” (Akio Kawauchi, the project reader). It is the fourth of the series of conferences *Intelligence of Low Dimensional Topology*, following the preceding series of conferences *Art of Low Dimensional Topology*, organized A. Kawauchi and T. Kohno, and is organized also by S. Kamada from the new series. This time, the conference was held as international conference and it was a joint conference with the extended KOOK seminar. The aim of the conference is to promote research in low-dimensional topology with the focus on knot theory and related topics. This volume is the proceedings of the conference and includes articles by the speakers. The articles were prepared under 8 page limit, except for plenary speakers. The details might be omitted. I hope that the readers would enjoy the quick view of a lot of current works.

The plenary speakers were J. Scott Carter, Gyo Taek Jin, Louis H. Kauffman, Masanori Morishita, Tomotada Ohtsuki, Colin Rourke, Masahico Saito, and Vladimir Vershinin. Besides the 9 plenary talks, there were 39 talks. There were 105 participants including 19 persons from foreign countries: Australia, Bulgaria, China, Colombia, France, Korea, Russia, Spain, Tunisia, U.K., and U.S.A.

I would like to thank the speakers and participants. The organizing committee and local organizing committee also deserve great thank.

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and the 21st Century COE Program

- “Constitution of wide-angle mathematical basis focused on knots”
– Akio Kawauchi, the Project Reader.

Articles by Sofia Lambropoulou and Toshitake Kohno are also in this volume. They were expected as plenary speakers, however they could not attend the conference.

Seiichi Kamada
*(Chairman, Organizing Committee
for the International Conferences
“Intelligence of Low Dimensional Topology 2006”)*

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