Proceedings of the

XXX International Symposium on MULTIPARTICLE DYNAMICS

International Symposia on Multiparticle Dynamics

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XXIX	Rhode Island	USA	1999
XXX	Tihany	Hungary	2000

Proceedings of the

XXX International Workshop on MULTIPARTICLE DYNAMICS

Tihany, Hungary
October 9-15, 2000

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PREFACE

The anniversary XXXth International Symposium on Multiparticle Dynamics took place at a resort complex at Tihany, Lake Balaton, Hungary, October 9-16, 2000. The ISMD series not only celebrated its maturity with its 30th annual meeting, but also the location was chosen specially for this purpose as Hungary celebrated its 1000th year of statehood in the same year.

A symposium belonging to this successful series takes place every year, either in Europe, America or Asia. It provides a meeting ground for experimental and theoretical physicists trying to understand the production of particles in the collision of particles at high energies. Very different types of collisions exist, ranging from e^+e^- annihilation via lepton-hadron and hadron-hadron collisions to ultra-relativistic heavy-ion collisions. It was the aim in particular of this meeting to unite physicists working on these different types of collisions, to let them share each other's experience and each other's problems in the analysis and interpretation of most complex data, with the ultimate aim of coming to one general common understanding of them all. In this, we especially encouraged young participants to present their results.

We organized a friendly competition for the most interesting talk. The idea was to encourage and stimulate the interaction with the audience, so the best talk was defined by the highest ratio of discussion time to speaking time. The prize (a bottle of Bulls Blood wine from the Eger region) went to Bo Andersson for his talk on Bose-Einstein correlations, but, in addition, three young speakers were honored: Stella Bradbury, Raphael Hakobyan and Karsten Tabelow, as also their talks achieved an outstanding discussion-time/speaking-time ratio.

Another friendly competition was organized for the most exciting session, decided by a kind of popular vote: the number of attendants at the particular session. The prize (two bottles of Tokaj wine) went to "Relativistic Heavy-Ion Collisions – Experimental", thus indicating the excitement about the most recent heavy-ion data from RHIC and CERN SPS, the former presented for the first time.

We would like to congratulate the winners as well as all the other speakers and session organizers for the high overall level of the presentations. We would like to thank the members of the International Advisory Committee and the Organizing Committee, as well as the Session Chairpersons and Scientific Secretaries, whose contributions helped in arranging a smooth performance.

Thanks are also due to László and Gyöngyike Bódis, director and manager of the resort complex consisting of Hotels Kastély, Park and Strand, as well as to their staff for the excellent performance and for their humanism at the most difficult time of the meeting, when we suffered a tragic loss, the untimely death

of Mrs. Bondorf.
We hope that the participants will remember the beautiful shore of Lake Balaton at the time of the Indian summer, remember the atmosphere of the Tihany peninsula, the taste of the Hungarian wines and the touch of folk-dances by the Kamaszka group, Visznek. We hope that the participants will remember the self-organized structures at the spectacular "Hegyestű" or "Pinned needle" of Monoszló as well as the beautiful view from the Badacsony and Tihany hills. The conference logo was specially designed for us by Suzy Smile using Mayan sun elements to form a symbol of multiparticle dynamics resembling the sunflower so typical of the region. Her artistic photo-collages are scattered throughout this volume in an attempt to remind the participants of the atmosphere of ISMD 2000 in Hungary. Thank you Suzy for the great pictures and also for reminding us that we are not only physicists, but first of all curious and very human beings.
The most incredible effort was invested into these proceedings by Annelies Oosterhof-Meij, who not only rearranged many of the figures in a tedious fight against page limits, but literally reedited large parts of most of the contributions to let them appear in this coherent form. Finally, we would like to thank the participants for these contributions that have brought ISMD 2000 to such a success.
Looking forward to the next meeting in this series, the XXXI International Symposium on Multiparticle Dynamics to be held in Datong, China, September 2001.

Tamás Csörgő, Sándor Hegyi and Wolfram Kittel

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