Preface

Magdalena Kowalska¹ · Zdzisław Błaszczak²

Published online: 21 February 2017

© Springer International Publishing Switzerland 2017

Abstract It is with great pleasure that we are presenting the subsequent volume of the International Poznan Workshop proceedings. The conferences of this cycle have been since the beginning devoted to laser light interaction with atomic nuclei and since more recently also to the applications of ion-storage devices. The first edition entitled “Laser Spectroscopy of Atomic Nuclei” took place in Dubna in December 1990, and since then the subsequent conferences have been held every two to three years in Poznan, where they have been jointly organized by the Faculty of Physics at the Adam Mickiewicz University (Poznan) and the Flerov Laboratory of Nuclear Reactions at the Joint Institute of Nuclear Research (Dubna). The conferences have enjoyed increasing popularity and have attracted increasing numbers of specialists from a number of research institutions engaged in laser spectroscopy of radioactive and other exotic (e.g. anti-) atomic nuclei and related instruments. Over the years the workshops have gained a reputation of presenting research of a high scientific level and having impact on the directions of future studies. The 2016 workshop on the Application of Lasers and Storage Devices in Atomic Nuclei Research has been already the 10th edition and it was a pleasure to see that the event was thriving and the participants were enjoying it in all fronts. Around 100 scientists met on May 16–19 in Poznan for the 4-day event. They were even more international than in the previous edition, representing institutes in Europe, North America, Japan, and even Australia. Many have returned to Poznan,

This article is part of the Topical Collection on *Proceedings of the 10th International Workshop on Application of Lasers and Storage Devices in Atomic Nuclei Research: “Recent Achievements and Future Prospects” (LASER 2016), Poznań, Poland, 16–19 May 2016*

Edited by Krassimira Marinova, Magdalena Kowalska and Zdzisław Błaszczak

✉ Magdalena Kowalska
magdalena.kowalska@cern.ch

Zdzisław Błaszczak
zetbe@amu.edu.pl

¹ EP Department, CERN, 1211, Geneva 23, Switzerland

² Faculty of Physics, Adam Mickiewicz University, Poznan, Poland

but there were also new faces, especially among the younger participants. It was great to see the leaders in their topics discussing physics, but not only, with PhD students and starting post-docs. More than sixty talks were delivered, reflecting well the state-of-the art in the covered fields which were all related to the techniques, experimental results and theory connected to lasers and storage devices applied to exotic nuclei. The presentations were supplemented with many posters covering even more results. We hope that the participants also enjoyed the concert of renaissance music. In this warm atmosphere (much warmer than the temperatures outside the lecture hall), we are looking forward to the 11th edition, which has been already announced to take place again in Poznan. In the next 3 years many new results will be certainly collected, so that without doubt we will participate in another interesting workshop.