

Max-Planck-Institut für Physik (Werner-Heisenberg-Institut)



Allen Caldwell • MPI für Physik • Föhringer Ring 6 • 80805 München

Prof. Péter J. Lévai
Director General of MTA Wigner RCP
Institute für Particle and Nuclear Physics
Wigner Research Centre for Physics
Budapest, 1121
Konkoly Th. Street 29 – 33
PO Box 49
Hungary

Prof. Dr. Allen Caldwell
Managing Director
Tel.: 089 / 32354-529
Fax: 089 / 32354.436
caldwell@mpp.mpg.de
<http://www.mpp.mpg.de>

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Dear Prof. Lévai,

The AWAKE Collaboration is carrying out an experiment at CERN to demonstrate for the first time proton-driven plasma wakefield acceleration. The experiment will take place in the former CNGS beamline and will reuse much of the existing infrastructure. The AWAKE Collaboration consists currently of 16 institutes, including very significant participation from CERN.

The AWAKE Collaboration is pleased to welcome the Institute for Particle & Nuclear Physics of the Wigner Research Center as Associate Member. Institutes with Associate Membership are automatically invited to AWAKE Collaboration meetings and can give presentation in these meetings. They may also be invited to Technical Board and Physics and Experiment Board and other special meetings of the AWAKE Collaboration. Associate Members are expected to work together with an AWAKE institute on specific projects related to AWAKE and share needed AWAKE information for these tasks.

The Wigner Research Center for Physics has expertise in laser propagation in various media, and this expertise is of great interest for AWAKE. We are looking forward to a close collaboration between the Wigner Research Center for Physics and the Max Planck Institute for Physics in Munich on this topic. First projects are already defined: the study of laser propagation in a Rb vapor. It is anticipated that the Wigner Research Center for Physics will become full members of the AWAKE Collaboration upon definition of the tasks that the Wigner Research Center for Physics will carry out within AWAKE. The Wigner Research Center for Physics has nominated Dr. Gagik Djotjan as contact person and representative of the institute for AWAKE matters.

The AWAKE Collaboration is looking forward to a long and fruitful collaboration with the Wigner Research Center for Physics.

Allen Caldwell
Spokesperson, AWAKE Collaboration
Director, Max Planck Institute for Physics

