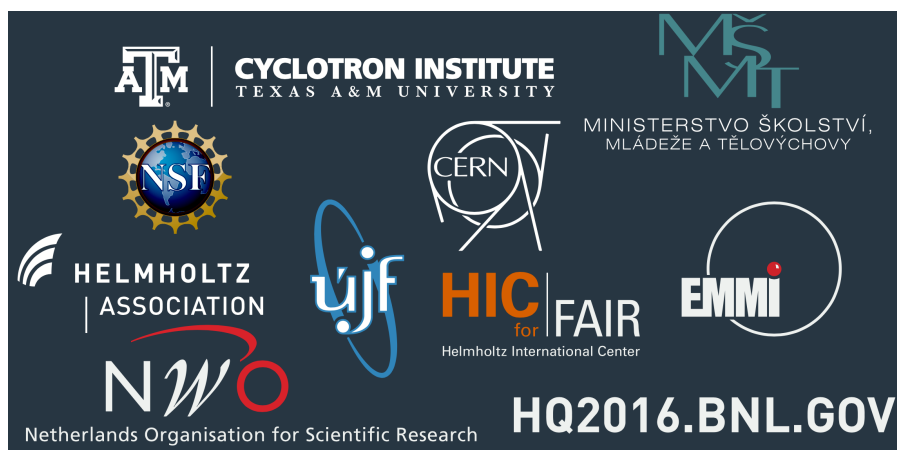## Preface

The 7th edition of the Workshop for Young Scientists on the Physics of Ultra-relativistic Nucleus-Nucleus Collisions (**Hot Quarks 2016**) was held on South Padre Island, Texas, United States from September 12-17, 2016. Following the traditions of the conference, the meeting gathered almost 70 participants in the first years of their scientific careers. The present issue contains the proceedings of this workshop.

As in the past, the Hot Quarks workshop offered a unique atmosphere for lively discussions and interpretation of the current measurements from high-energy nuclear collisions. Dedicated time at the end of each session for questions, including anonymous questions from the "box", are crucial for this workshop. Recent results and upgrades at CERN's Large Hadron Collider (LHC) and Brookhaven's Relativistic Heavy Ion Collider (RHIC) were presented. Recent theoretical developments were also extensively discussed as well as the perspectives for future facilities such as the Facility for Antiproton and Ion Research (FAIR) at Darmstadt and the Electron-Ion Collider at Brookhaven. The conference's goal to provide a platform for young researchers to learn and foster their interactions was successfully met.

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Javier López Albacete, Universidad de Granada (Spain)
Jana Bielcikova, Nuclear Physics Inst. of the Czech Academy of Sciences (Czech Republic)
Rainer J. Fries, Texas A&M University (USA)
Jiangyong Jia, Stony Brook University and Brookhaven National Laboratory (USA)
André Mischke, Utrecht University and Nikhef Amsterdam (The Netherlands)
Hannah Petersen, Goethe University, FIAS and GSI (Germany)
Lijuan Ruan, Brookhaven National Laboratory (USA)
Sevil Salur, Rutgers University, (USA)