
The topics of the conference included (i) photon-photon processes in $e^+e^-$, proton-proton (pp) and nucleus-nucleus (AA) collisions at current and future colliders, (ii) photon-hadron interactions in $e^\pm p$, pp, and AA collisions, (iii) final-state photon production (including Standard Model studies and searches beyond it) in pp and AA collisions, and (iv) high-energy gamma-rays astrophysics.

The conference attracted more than 90 physicists, both experimentalists and theorists, sharing fruitful and inspiring discussions through 75 talks covering the current state-of-the-art in all relevant research directions. The meeting agenda and the presentation slides can be downloaded from the workshop website:

https://indico.cern.ch/e/photon2017

Fig. 1: PHOTON’17 conference picture. CERN, 25th May 2017.

The current proceedings include about 50 write-ups covering all the topics presented during the conference. The participants were greatly saddened by the news, received during the conference, that Maria Krawczyk, one of the leading scientists in the field of photon physics and member of the International Advisory Committee, had passed away. These proceedings are dedicated to her memory. The impact
of Maria’s scientific work and personality is summarized in the closing contribution by Rohini Godbole and Lia Pancheri.

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