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The European Networking Activity THEIA: achievements and prospects

Monday 9 October 2023 10:00 (45 minutes)

The cooperation of world-leading experimentalists and theoreticians in the field of strangeness nuclear physics with experts of the neutron star community is the aim of the networking activity THEIA. The main objectives of THEIA were
• the hypertriton puzzle and its implication for fragment formation in heavy ion reactions.
• the study of antihyperons in nuclei by antiproton nucleus collisions
• theoretical and experimental studies of bound mesonic systems
• the organization of (annual) workshops to bring together scientists and students with complementary expertise
I will discuss the achievements of THEIA and the aims for the remaining funding period. Finally I will address some open questions in the field of strangeness nuclear physics and point to possible avenues for future research.

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