Training in NuPECC LRP

Objective: to forge a **coherent, stable, and predictable system of training and formation schools and events** that uses the strengths and capabilities of the European nuclear physics community and its parts.

- To maintain the European nuclear physics community in the forefront of global science thru its human capital & RI
- To increase the efficiency of use of our Research Infrastructures, the attractivity of our field to the new generations, and to promote the societal applications of nuclear physics and technologies
- To strengthen the education and formation of new generations of scientists thru hands-on activities for (i) beginners and for more (ii) advanced students
- To include the training of the technical and engineering staff
- To work effectively to improve the diversity of the new generations addressing: gender, background education, geographic distribution across Europe

Training in NuPECC LRP (Cont)

- For this, to use and strengthen the events with tradition and support them financially (
  - Euroschools, EEB, ENNAS, Erice, …, ECT* doctoral program and workshops, CERN, Joliot Curie, la Rabida
    - … other ?
  - Mazurian and Piaski Conferences, EUNPC. These are conferences that constitute a good ground for students to present their PhD work
- To work within NuPECC, with EC and universities to include our training schools in their PhD curricula. Recognise that it is good that students get a PRL, but for their training to write contribution to conferences and some short paper is often an important personal achievement and as such it should be recognized.
- To work within NuPECC, with EC and national funding agencies to create a system of fellowships that will allow PhD students or candidates and early postdocs to work for one year in 2, 3 or 4 of the large European facilities (several months in each institute)

Training in NuPECC LRP (Cont)

Here we call for:

- Discuss and approve/challenge these ideas
- New ideas?
- Suggest other schools to be included in the list
- Ideas on multidisciplinarity ?!
- How to connect with other domains ? Hadron physics, High Energy Physics …
- How to connect with applications and with social applications that NP has started and are now large and independent: nuclear energy, nuclear medicine … ?
- AoP (any other proposals)