EANS Research Course 2022, Florence, April 7th, 2022

10.00 – 10.15: Introduction to the Research Course – *Aki Laakso* (Finland)

HOW TO PREPARE FOR APPLICATION
10.15 – 10.30: How to apply for EANS Research Fund? – *Asgeir Jakola* (Sweden)
10.30 – 10.45: How do I win the EANS Research Prize? – *Katrin Rabiei* (Sweden)

RESEARCH QUESTION
10.45 – 11.00: PICO – how to formulate a research question – *Angelos Kolias* (UK)
11.00 – 11.45: WORKSHOP: Critical Review of a Paper - *Faculty*
- Short report/paper send to all participants 2 weeks prior to meeting
- Attendees will perform a critical review of a given paper following the guidelines presented.

11.45 – 12.30: Lunch

12.30 – 13.30: WORKSHOP: How to Define a Hypothesis – *Faculty*
- Attendees will define their research question and describe a hypothesis related to a research proposal – research ideas provided by the faculty
13.30 – 14.30: WORKSHOP: How to Write a Research Plan – *Faculty*
- Attendees will draft and present a research project plan for permission/funding on the research question defined in the previous workshop session

14.30 – 14.45: Coffee break

HOW TO PRESENT YOUR DATA
14.45 – 15.05: How Do I Submit a Paper - *Guy Rosenthal* (Israel)
15.05 – 15.25: Why Was My Manuscript Rejected – a reviewer's perspective - *Aki Laakso* (Finland)
15.25 – 15.45: How Do I Prepare a Scientific Talk – *Anastasia Tasiou* (Greece)

15.45 – 16.00: Coffee break

16.00 – 16.30: Special topic: Introduction to Artificial Intelligence in Neurosurgical Research – *Gleb Danilov* (Russia)
16.30 – 18.00: Presentations by the shortlisted 2022 Aesculap EANS Research Prize candidates and announcing the winners
18.00 Close of the meeting