
WG6: Computational Dosimetry

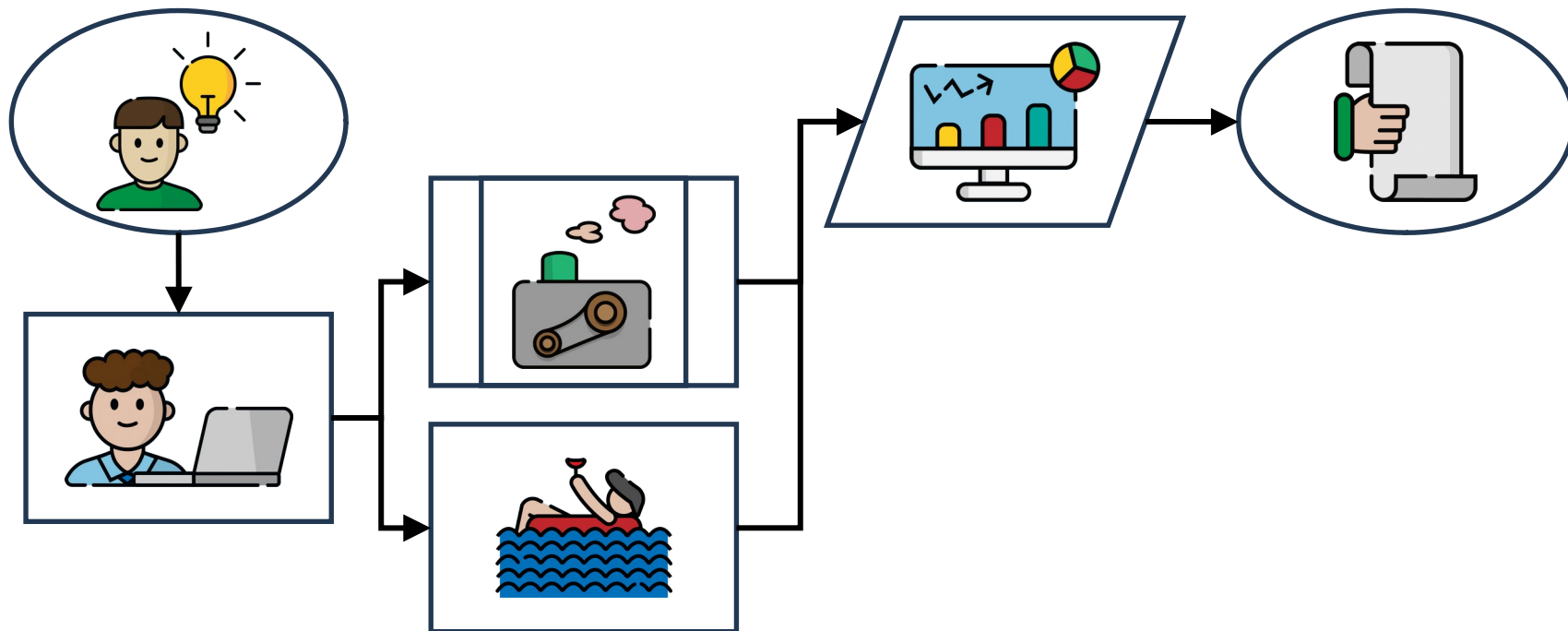
February 16th, 2026
EURADOS Annual Meeting
Helsinki, Finland

Jon Eakins (*Chair*) & Anna Selva (*Secretary*)

WG6 Activities...

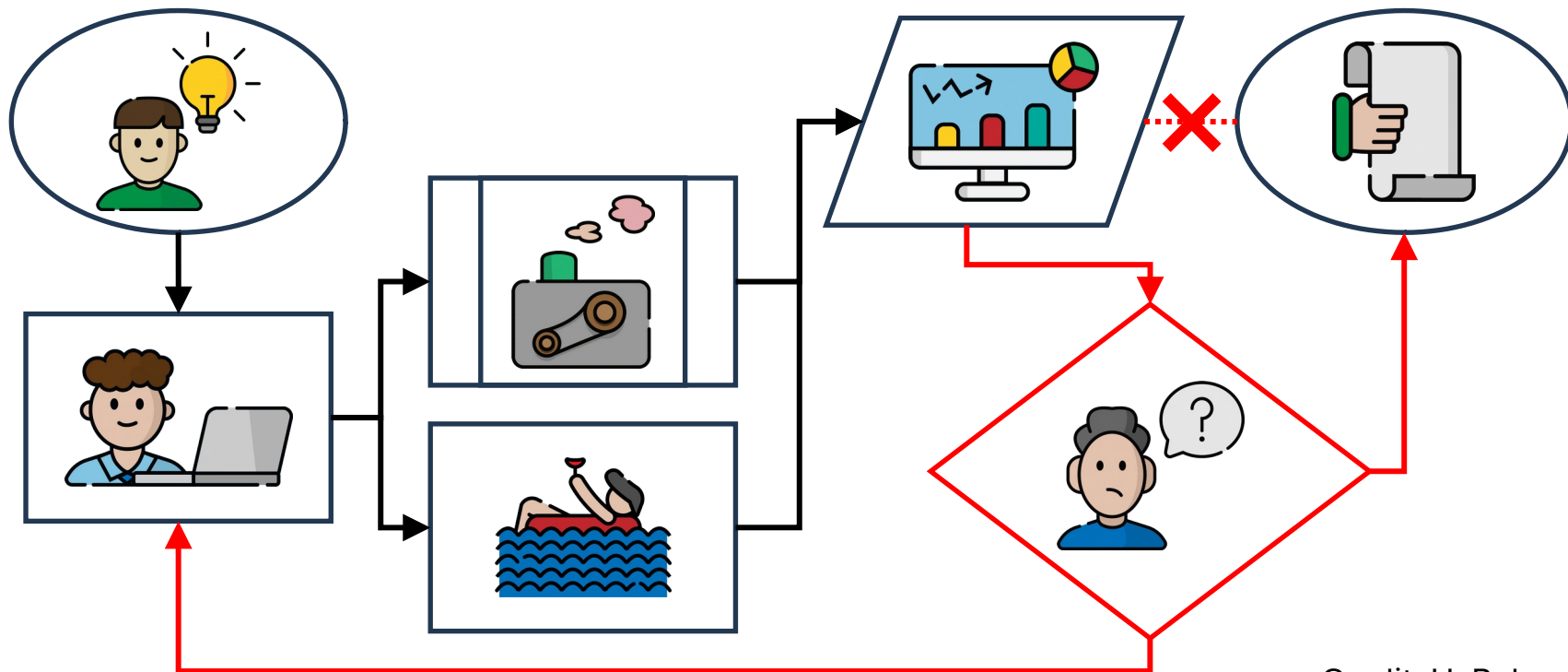


MC simulations workflow



Credit: H. Rabus

WG6-endorsed MC simulation workflow



Credit: H. Rabus

(Some of the) Questions being answered

Is my **unfolding code** giving accurate results?

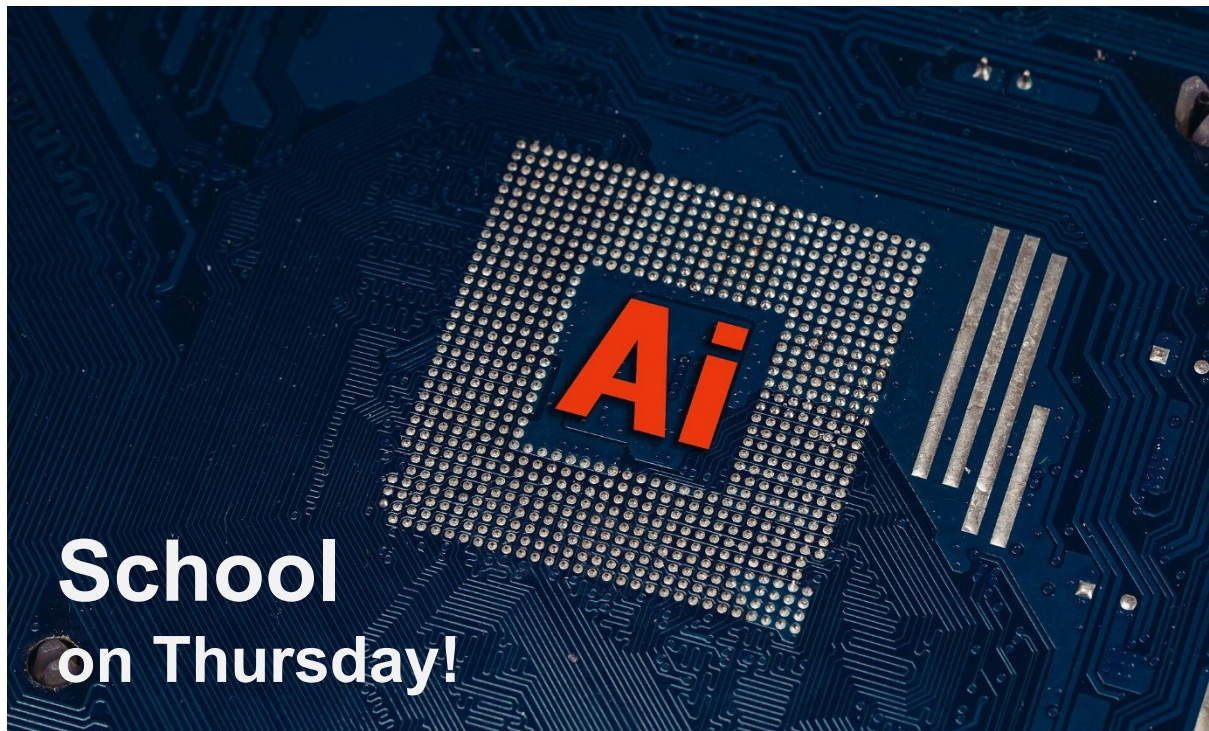
How should I score **proton LET** in my simulation?

Should I consider **stochastic effects** of radiation interactions?

How reliable are **hadronic cross section data** for light nuclei?

How to implement properly ICRP **MESH phantoms** in my code?

Hot(test) WG6 topic...



WG6 Tasks & Leaders

1	Neutron spectra unfolding (Roberto Bedogni)	Joint WG6+9+11
2	Micro- and nanodosimetry (Carmen Villagrasa / Anna Selva)	(WG7)
3	Individual monitoring (Jonathan Eakins)	(WG10)
4	In vivo dosimetry (Montse Moraleda)	(WG7)
6	Computational phantoms (Christelle Huet)	
7	Nuclear data and cross section models (Michael Petit)	Joint WG6+9+11
8	SRA input and WG strategy (Jon Eakins)	
9	Monte Carlo in nuclear medicine (Lara Struelens)	Joint PWG+WG6+7+12
10	Monte Carlo in medical applications (Hrvoje Brkic)	WG6+9+12
11	AI in Computational Dosimetry (Hans Rabus)	