

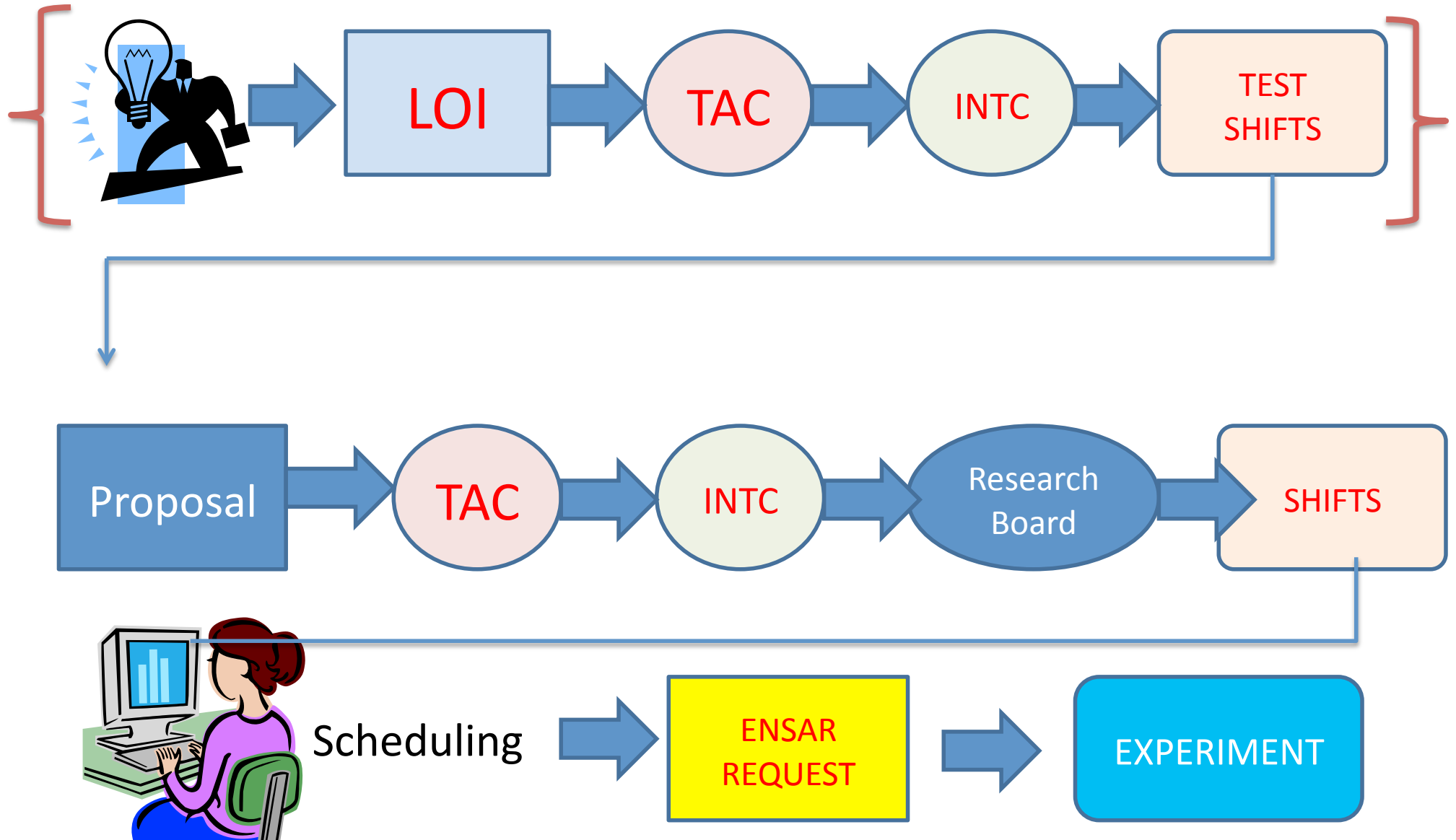
ISOLDE

Peter Butler (INTC chair)

Yorick Blumenfeld (ISOLDE Group
leader and spokesperson)



Procedures at ISOLDE



Information on INTC

- Examines LOIs, proposals and status reports for ISOLDE and n_TOF
- Examines plans which impact scientific policy (such as HIE-ISOLDE or TSR) and issues recommendation to Research Board.
- 10 external members replaced by half every 2 years
- Large number of ex-officio members including representatives of CERN management
- Only the external members give scientific advice
- Meets 3 times each year (1 afternoon open session + 1 morning closed session)
- Chairman Peter Butler; scientific secretary Magda Kowalska
- Cross membership with GANIL PAC to avoid duplication

Proposals

- What kind of proposals did you get?
- In Feb.2011 we got
 - Nuclear structure through decay studies (2)
 - Nuclear structure with atomic methods (traps and lasers) (6)
 - Nuclear Structure through COULEX (2)
 - Nuclear structure through reactions (3)
 - Nuclear astrophysics (1)
 - Solid state physics (3)

Questions

- **Criterion:** Scientific excellence. Since last year a TAC has been put in place to advise the INTC on technical issues (beam availability, safety, ...)
- **Ranking methods:** Approved or not. INTC indicates number of shifts. No priorities
- **Backlog:** for 2011 running period there were **935** 8h-shifts remaining to be scheduled for accepted proposals (LOIs and TISD not included); out of this **658** shifts were requested and **440** scheduled; **350-400** are expected to be delivered successfully
- **Exchange of equipment:** Accepted proposal using MAYA; Miniball detectors used at GSI in RISING campaign.
- **Other:** Decreasing percentage of CERN protons going to ISOLDE

Shutdown

- Baseline scenario:
 - 2012: 1 Additional month of running (April-Nov.)
 - Nov 2012-March 2014: Shutdown of ISOLDE
 - April 2014-Nov. 2014: low energy experiments; no REX experiments (installation and commissioning of HIE-ISOLDE)
 - After fall 2014: Experiments with HIE-ISOLDE at 5.5 MeV/u
- Final decision taken by CERN management in Jan. 2012; INTC and SPSC have strongly recommended to minimize shutdown for fixed target experiments
- Next INTC meetings:
 - Nov 2011 and Feb 2012: LOIs and proposals for ISOLDE which can be run in 2012 (no extensive developments)
 - No meeting in July 2012
 - Nov 2012: Proposals for HIE-ISOLDE