



WORKSHOP

AVAILABILITY MODELLING TOOLS AND SYNERGIES FOR COLLABORATION



CERN, July 7, 2016



AVAILABILITY MODELLING TOOLS AND SYNERGIES FOR COLLABORATION

THIS WORKSHOP AIMS AT:

- Presenting the performed and on-going RAMI studies in the accelerator domain.
→ Identify the needs that arise when performing such a study in different projects.
- Presenting the different simulation software packages.
→ Understand the functionality of each software package, advantages and limitations related to the needs identified before.
- Discussing ideas for synergy in development.

AGENDA

Morning session	RAMI STUDIES
	9.30 – 11.00 Presentations
	Coffee break
	11.20 – 12.20 Presentations
LUNCH BREAK	
Afternoon session	SOFTWARE PACKAGES & SYNERGIES
	13.30 – 14.50 Presentations
	Coffee break
	15.00 – 16.20 Presentations
	16.20 – 17.30 Discussion

SYNERGIES FOR COLLABORATION: Some ideas

- Development of a common specification language for RAMI modelling.
 - ↳ Objective: the same model could be used in different software packages.
 - Verification of the model and assumptions.
 - Comparison of results.
 - Intermediate translators might be needed.
- Creation of a common database.
 - ↳
 - Share component data library for accelerators.
 - Share the models and all the input data needed for RAMI studies.
- ... ?