

## SPMS vs InDiCo



- SPMS and InDiCo have been used to organize many events and conferences over the years
  - Each has its strengths
- SPMS strengths
  - Massive repository of accelerator personnel
  - Database schema for conference organization/management
- InDiCo strengths

May 11 2016

- Quality user interfaces
- Modular and modern implementation
- Broad adoption (100+ institutions)
- Broad development support, centralized at CERN





## SPMS plus InDiCo: the Past



- JACoW and InDiCo teams appreciate each other's respective strengths
  - Have been discussing software convergence for several years
  - Efficiency of centralizing developer support
- LINAC'14: a "proof of principle"
  - Successful bridge between InDiCo registration and SPMS central user repository
- In 2015-6, both teams have developed detailed analysis of SPMS features that are missing from InDiCo
  - 117 page document developed by T. Baron and JACoW
- Intent: migrate SPMS features to InDiCo in long term





## SPMS plus InDiCo: the Future



- Estimate of required effort:
  - 3.25 man-years for high-priority requirements
  - ~4.5 years for all requirements (complete convergence)
- CERN Accel Tech Sector have agreed to move forward
  - Funding for 50% of 3-year project associate at CERN
  - Job position has posted for candidate interviews
- Start ~June/July with first implementations in late 2016
- Start with small conferences as test beds in 2016-17
  - e.g. JACoW Team Meeting (expert support, minimal impact)

May 11 2016