



Helsinki contribution 2012–16 to CLIC / Technical development area

K. Österberg,

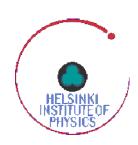
Department of Physics, Department of Physics, University of Helsinki & Helsinki Institute of Physics

Contribution to

• CLC-TBM WP: Two-Beam Module development

NB! contributions mainly manpower



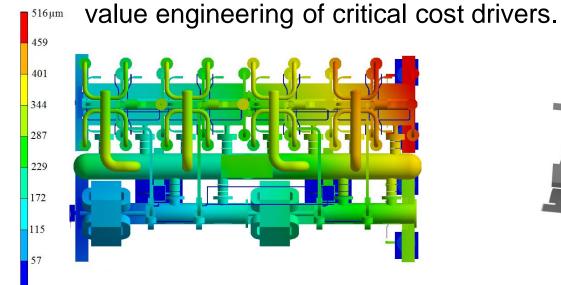


TBM modelling & industrialization



Task 2: Finite element simulations and Task 5: Industrialization (common with Implementation Studies/IS-PIP/Task 2: Value estimate) also Task 3: Experimental comparison of predicted and modelled performance

Subjects: Development of TBM modelling, Modelling of TBM in different configurations; TBM optimization; comparison of model with measurements and feedback to model, cost study and optimization especially RF structures,





NorduCLIC



TBM modelling & industrialization: resources



Senior support

- K. Österberg
- staff at Tampere Univ Technology
- -Post-docs/students/engineers:
- post-doc to be recruited
- R. Raatikainen (-6.3.2012)
- PhD student in mechanical engineering (2012-14)
- MSc eng. student (replacing J. Turunen)

In Finland:

1 PhD student 50 % of time

+ senior support (0,1 senior)

At CERN:

0,5 post-doc (2 years)

1 PhD student 50 % of time

1 MSc eng student

Funding 2012–13 OK Funding 2014–16 open

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