

Gosia Steering Committee Minutes

10 April 2008 HIL, Warsaw

Doug Cline, Adam Hayes, Pawel Napiorkowski, Nigel Warr. [Julian Srebrny, Jarno Van de Walle]

The Committee discussed the list of tasks identified by the participants at the Gosia Workshop. There was unanimous agreement that the highest priority is to simplify the structure of the Gosia coding which is necessary prior to upgrades of the capability. Thus it was decided initially to focus on the following tasks:

- 1) Extensively comment GOSIA prior to simplifying the coding structure of Gosia.
- 2) Start separating use of Zeta array and split other common blocks
- 3) Develop a spline interpolation procedure to replace the troublesome Lagrange interpolation procedure
- 4) Add the Leuven calibration and change the PIN diode option to address immediate needs of the community.
- 5) Restore and update the Czosnyka version of Gosia2 for immediate use.
- 6) Explore a method to upgrade the integration procedure for inverse kinematic cases.
- 7) Start developing a simple Gosia input generation program for Gosia.
- 8) Update the Gosia mailing list of Gosia users to be used to create the Gosia Users Group.
- 9) Implement a web-based Forum.
- 10) Prepare a report of the Workshop proceedings for publication on the Gosia websites.
- 11) Update the Gosia Manual
- 12) Prepare the new Gosia website
- 13) Prepare the first issue of the Gosia Newsletter.

Implementation of proposed upgrades of Gosia capability was delayed until completion of the above tasks.

The following ambitious task schedule was suggested:

14-21 April:

- Nigel: Increase size of arrays
 Continue adding comments to Gosia
 Add Leuven calibration
 Add to CONT an option to use Spline interpolation when ready.
 Send updated GOSIA to Steering Committee
- Doug: Prepare Forum if possible. Check can attach files to Forum contributions.
 Update GOSIA website,
 Prepare user-group list for USA/Canada etc.
 Update Manual
- Adam: Collect sample inputs
 Expand Learning Gosia chapter in manual
 Locate SELECT code for website
- Pawel: Prepare pdf copies of talks for Workshop report
 Update the Gosia mailing list.
 Locate SELECT code for website

21-28 April:

- Pawel: Finish the implementation of the Spline interpolation
- Doug: Prepare Newsletter, Manual
- Adam: Investigate option of using recoil angle rather than projectile scattered angle for OP,INT for use to handle the double-valued solution occurring for inverse reactions

28 April-5 May:

Nigel: If statement checks
Zeta array
Split common blocks
Will need test cases
GOSIA2: Restore Czosnyka version and upgrade to double precision; release for use.
Increase number of levels and matrix elements.

Doug: Circulate draft Newsletter
Complete website,

Doug/Adam Update manual.

Pawel Start the upgrade of the PIN options

It was suggested that all emails addressing general Gosia issues be sent to all members of the Steering Committee to keep us all in the loop.

[Doug Cline, 14 April 2008]