

# Agenda on Joint Workshop for KSTAR Beam Emission Spectroscopy Diagnostics *July 9<sup>th</sup>-10<sup>th</sup>, 2012, Budapest, Hungary*

**DATE : 9-10 JULY 2012**

## **PROGRAM:**

| <b>July 9<sup>th</sup> (Monday)</b>                      |                                                                         |             |
|----------------------------------------------------------|-------------------------------------------------------------------------|-------------|
| <b>Greeting (13:00 ~ 13:10)</b>                          |                                                                         |             |
| 13:00                                                    | Greeting                                                                |             |
| <b>Fusion developments at Wigner RCP (13:10 ~ 14:30)</b> |                                                                         |             |
| 13:10                                                    | Li-beam technology development                                          | G. Anda     |
| 13:40                                                    | TATOP: Table Top solid state pellet injector                            | T. Szepesi  |
| 14:10                                                    | EDICAM: real-time processing camera development for fusion applications | S. Zoletnik |
| <b>Tour of the laboratory (14:30 ~ 16:00)</b>            |                                                                         |             |
| 14:30                                                    | Tour of Wigner laboratories and discussions                             |             |
| <b>July 10<sup>th</sup> (Tuesday)</b>                    |                                                                         |             |
| <b>KSTAR Experimental Results (10:00 ~ 12:00)</b>        |                                                                         |             |
| 09:00                                                    | BES Results 1                                                           | Y. U. Nam   |
| 09:30                                                    | BES Results 2                                                           | M. Lampert  |
| 10:00                                                    | CES Results                                                             | W. H. Ko    |
| 10:30                                                    | RMP & ELM control Results                                               | Y. M. Jeon  |
| 11:00                                                    | Discussion                                                              |             |
| 12:00                                                    | <i>Lunch</i>                                                            |             |
| <b>KSTAR BES Developments (13:00 ~ 16:00)</b>            |                                                                         |             |
| 13:00                                                    | Overview of final BES concept for KSTAR                                 | S. Zoletnik |

|                                              |                                                                       |                         |
|----------------------------------------------|-----------------------------------------------------------------------|-------------------------|
| 13:10                                        | BES modeling and validation for KSTAR                                 | D. Guszejnov            |
| 13:30                                        | Imaging system for the beam emission diagnostics of the KSTAR tokamak | A. Czopf                |
| 13:50                                        | Filter considerations for the final BES system                        | S. Zoletnik             |
| 14:10                                        | Mechanical design of the KSTAR BES system                             | Á. Kovácsik             |
| 14:30                                        | Control system for the KSTAR BES diagnostic                           | EVOPRO                  |
| 14:50                                        | <i>Coffee/Tea break</i>                                               |                         |
| 15:20                                        | Radiation shielding modeling for the KSTAR BES diagnostic             | G. Por<br>G. Náfrádi    |
| 15:40                                        | APDCAM development for higher resolution                              | S. Zoletnik             |
| 16:00                                        | Concept of the Li-Beam for KSTAR                                      | G. Pokol<br>S. Zoletnik |
| <b>Collaboration Meeting (16:20 ~ 17:00)</b> |                                                                       |                         |
| 16:20                                        | Collaboration for KSTAR Beam Diagnostics                              |                         |
| <b>Closing (17:00 ~ 17:10)</b>               |                                                                       |                         |
| 17:00                                        | Closing Remark                                                        |                         |

## PLACE :

Wigner Research Centre for Physics

KFKI Campus, Building 3, Seminar room, 2nd floor

29-33 Konkoly Thege u, Budapest Hungary