Dear all,

we like to draw your attention to job openings for a Post-Doc position and several PhD positions within the LHCb group of Physikalisches Institut, Heidelberg University.

Best regards,
Uli Uwer, Stephanie Hansmann-Menzemer

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Research Associate Position in Experimental Particle Physics within the LHCb group of Physikalisches Institut, Heidelberg University

Our group currently consists of 9 senior people and about 20 students. We made major contributions to the construction and the commissioning of the forward tracking system of LHCb. We share the responsibility of the operation of the tracking system and are playing a leading role in detector track reconstruction. We work on hardware and software development for the tracking system of the LHCb upgrade and plan to strengthen this effort in the future.

The Heidelberg LHCb group has a wide range of analysis interests. We are currently focusing on the measurement of mixing and CP violation in the Bs system exploiting J/Psi X and semileptonic modes and contribute to precision lifetime measurements. Further analysis interests of our group are the mixing of neutral D mesons, direct CP violation in the D system and lepton flavour violation.

Successful applicants are expected to contribute in a leading role to the upgrade activities and to the LHCb physics programme. There is the possibility to stay part or full time at CERN.

Applicants must have a PhD degree in experimental particle physics or in a related field with relevant experience. Experience in data analysis are mandatory. Applications including CV, list of publications, statement of research interests and three letter of reference should be send to

Prof. Dr. Stephanie Hansmann-Menzemer
menzemer@physi.uni-heidelberg.de

Prof. Dr. Ulrich Uwer
uwer@physi.uni-heidelberg.de

The deadline for applications is 25th of January 2013.

If you have any questions, please don’t hesitate to contact us!

The Heidelberg University is an equal opportunity employer and welcomes applications from women. Handicapped applicants will be treated preferentially if equally qualified.

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PhD student positions with the LHCb group of Physikalisches Institut, Heidelberg University

The Heidelberg LHCb group has several Phd student positions to be filled in the coming months. Our group currently consists of 9 senior people and about 20 students. We made major contributions to the construction and the commissioning of the forward tracking system of LHCb. We share the responsibility of the operation of the tracking system and we are playing a leading role in detector track reconstruction. We work on hardware and software development for the tracking system of the LHCb upgrade and plan to strengthen this effort in the future.

The Heidelberg LHCb group has a wide range of analysis interests. We are currently focusing on the measurement of mixing and CP violation in the Bs system exploiting J/Psi X and semileptonic modes and contribute to precision lifetime measurements. Further analysis interests of our group are the mixing of neutral D mesons, direct CP violation in the D system and lepton flavour violation.

Successful applicants are expected to contribute both to the upgrade activities and to the LHCb physics programme. The average duration of a PhD thesis in experimental particle physics at our faculty is 3 to 4 years. The PhD work will mainly be conducted in Heidelberg, there is however the possibility for an up to one year stay at CERN.

All PhD students of the Heidelberg LHCb group are members of the Heidelberg Graduate School of Fundamental Physics, which guarantees a broad education beyond the own research topic and enables funding for summer schools, workshops etc.

Applicants must have a master degree and some experience in experimental particle physics. Enquiries and applications including CV, master certificate and two letters of referees should be send to

Prof. Dr. Stephanie Hansmann-Menzemer
menzemer@physi.uni-heidelberg.de

Prof. Dr. Ulrich Uwer
uwer@physi.uni-heidelberg.de

The deadline for applications is 25th of January 2013.

If you have any questions, please don’t hesitate to contact us!
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Stephanie Hansmann-Menzemer I adress: INF 226, 3.101, 69120 Heidelberg
Physikalisches Institut I email: menzemer@PhysI.Uni-Heidelberg.de
Universität Heidelberg I phone: +49 (0)6221-5419403
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