

Node 5: Bonn University

Manuel Drees

Bonn University

Team members

- **5 Staff:** M. Drees, H. Dreiner, S. Förste, A. Klemm, H.-P. Nilles
- **7 Postdocs:** K.S. Choi, M. Kakizaki, O. Kittel, O. Lebedev [→ G. Panico], **E.-K. Park**, J. Martin, A. Zanzi
- **7 Students:** S. Bornhauser [→ A. Chatterjee], B. Haghighat, H. Iminniyaz [→ E. Erfani], J.M. Kim, **S. Kulkarni**, B. Poletanovic, C.L. Shan.

On the contract:

- **E.-K. Park (ER)**, since 10/07: Working on neutralino DM: Relic density, detection, connection to collider physics. Baer, Mustafayev, **Park**, Tata, JHEP **0805**, 058 (2008), arXiv:0802.3384 [hep-ph]
- **S. Kulkarni (ESR)**, since 8/07: Working on stable or long-lived relics, including DM. First paper, on semi-relativistic relics, is nearly completed.

ToK activities

- **2 PhD's completed:** H. Imminiyaz (→ Urumqi U., staff); C.L. Shan (→ Seoul, PD)
- Other ESRs are members of **Bonn Cologne Graduate School of Physics**; accepts top 30%; offers additional networking, special events (e.g. “Science meets Business” once a semester), etc.
- Bonn is one (of three) nodes of a German network, **“The Dark Universe”**, which organizes its own schools.
- **Physics Center Bad Honnef**, near Bonn, allows ERs & ESRs to attend (inter)national meetings, e.g. “Physics Beyond the SM”
- All ESRs and some ERs attended **special topics classes** (not mandatory), e.g. on GR, superstring theory, ...
- Bonn hosted **4 researchers from other nodes** (Helsinki, CERN, Korea, Madrid); **3 Bonn team members** visited other nodes (CERN, Barcelona)