

Hennig, C., P. Heimann, H. Kroiss, G. Kuehner, H. Kuehntopf, J. Maier and M. Zilker: Using the Network as Bus System for Long Discharge Data Acquisition and Processing. (5th IAEA Technical Meeting on Control, Data Acquisition, and Remote Participation for Fusion Research, 2005-07-12 to 2005-07-15, Budapest).

Stoeckigt, K. and U. Schwenn: Traffic Prioritization - The Way to Go for QoS in H.323 Videoconferencing?. (7th Annual SURA/ViDe Conference, 2005-03-28 to 2005-03-31, Atlanta,GA).

Rampp, M.: The MiGenAS workflow engine: A tool pipeline for web-based sequence analysis and beyond. (2nd Annual MSBF Workshop, 2005-04-06, Ludwig-Maximilian-Universität München).

Schwenn, U.: The Future of Group Collaboration in Research and Commercial Institutions. (CSP Summit and Conferencing4Business (C4B), 2005-04-19 to 2005-04-21, Berlin).

Status of Videoconferencing Standards. (5th IAEA Technical Meeting on Control, Data Acquisition and Remote Participation for Fusion Research, 2005-07-12 to 2005-07-17, Budapest).

Kuehntopf, H., H. Kroiss, P. Heimann, C. Hennig, G. Kuehner, J. Maier, M. Zilker and W7-X Control Group: Specialized editor for processing objects in a database to prepare discharges for WENDELSTEIN 7-X. (5th IAEA Technical Meeting on Control, Data Acquisition, and Remote Participation for Fusion Research, 2005-07-12 to 2005-07-15, Budapest).

Heimann, P., C. Hennig, H. Kroiss, G. Kuehner, H. Kuehntopf, J. Maier and M. Zilker: Requirements Engineering for W7-X-Software Development. (5th IAEA Technical Meeting on Control, Data Acquisition, and Remote Participation for Fusion Research, 2005-07-12 to 2005-07-15, Budapest).

Bottino, A., P. Angelino, S. J. Allfrey, S. Brunner, R. Hatzky, Y. Idomura, S. Jolliet, O. Sauter, T. M. Tran and L. Villard: Recent Advances in Nonlinear Gyrokinetic PIC Simulations in Tokamak Geometry. In: Theory of Fusion Plasmas, (Eds.) Connor, J. W.; Sauter, O.; Sindoni, E. Societa Italiana di Fisica (2005) 75-86.

Mishchenko, A., A. Koenies and R. Hatzky: Particle simulations with a generalized gyrokinetic solver. In: Physics of Plasmas **12**, Seq. No.: 062305 (2005). : 10.1063/1.1925587

Mishchenko, A., A. Koenies and R. Hatzky: Particle Simulations with a Generalized Gyrokinetic Solver. (SCIDAC Workshop on Plasma Turbulence, 2005-02-21 to 2005-02-25, Laguna Beach,CA).

Lederer, H.: Hochleistungsrechnen am Rechenzentrum Garching der Max-Planck-Gesellschaft 6. Forschungsseminar "Wissenschaftliches Rechnen". (6. Forschungsseminar, 2005-06-08, Universität Ulm).

Mishchenko, A., A. Koenies and R. Hatzky: Gyrokinetic simulations with a particle discretization of the field equations. In: Theory of Fusion Plasmas, (Eds.) Connor, J. W.; Sauter, O.; Sindoni, E. Societa Italiana di Fisica (2005) 315-322.

Angelino, P., A. Bottino, S. Jolliet, R. Hatzky, T. M. Tran, O. Sauter and L. Villard: Gyrokinetic particle simulations of ITG modes and zonal flows with canonical and

local equilibrium distribution. (11th European Fusion Theory Conference, 2005-09-19 to 2005-09-23, Aix-en-Provence).

Kornilov, V., R. Kleiber and R. Hatzky: Gyrokinetic global electrostatic ion-temperature-gradient modes in finite β equilibria of Wendelstein 7-X. In: Nuclear Fusion **45**, 238-244 (2005). : 10.1088/0029-5515/45/4/003

Angelino, P., A. Bottino, S. J. Allfrey, R. Hatzky, O. Sauter, T. M. Tran and L. Villard: Global nonlinear simulations of electrostatic ITG modes in tokamaks. (SCIDAC Workshop on Plasma Turbulence, 2005-02-21 to 2005-02-25, Laguna Beach, CA).

Nührenberg, C., R. Hatzky and S. Sorge: Global ITG turbulence in screw-pinch geometry. (IAEA Technical Meeting on Innovative Concepts and Theory of Stellarators, 2005-10-10 to 2005-10-11, Madrid).

Angelino, P., A. Bottino, S.J. Allfrey, R. Hatzky, O. Sauter, T.M. Tran and L. Villard: Geometrical coupling of zonal flows and electrostatic microinstabilities. In: Theory of Fusion Plasmas, (Eds.) Connor, J. W.; Sauter, O.; Sindoni, E. Societa Italiana di Fisica (2005) 329-334.

Hatzky, R., A. Könies and A. Mishchenko: Electromagnetic PIC simulations with a δf method using an enhanced control variates method. In: Theory of Fusion Plasmas, (Eds.) Connor, J. W.; Sauter, O.; Sindoni, E. Societa Italiana di Fisica (2005) 13-24.

Lederer, H.: DEISA eScience Applications. (1st Grid at Asia Workshop, 2005-06-21 to 2005-06-23, Beijing, China).

Lederer, H.: DEISA - The benefits of a virtual European supercomputer. In: Scientific Computing World, Juli/August, Seq. No.: o.Pag. (2005).

Allfrey, S. J., A. Bottino, R. Hatzky, P. Angelino and L. Villard: Application of a 'direct' δf PIC scheme to gyrokinetic ITG simulations in toroidal MHD equilibria. (International Sherwood Fusion Theory Conference, 2005-04-11 to 2005-04-13, Stateline, NV).

Reetz, J., R. Hatzky, S. Heinzl, H. Lederer, A. Schott and T. Soddemann: Aktivitäten des RZG beim DEISA-Grid. (22. DV Treffen der MPG, 2005-11-16 to 2005-11-18, Göttingen).

Rampp, M. and T. Soddemann: A Work Flow Engine for Microbial Genome Research. In: Forschung und wissenschaftliches Rechnen. Beiträge zum Heinz-Billing-Preis 2004. (Eds.) Kremer, K.; Macho, V. GWDG-Bericht **68**. Gesellschaft für wissenschaftliche Datenverarbeitung, Göttingen (2005) 23-46.

Lederer, H.: A "Supercomputer" for Europe. (German Science Weekly Highlight-19, 2005-04-08, Deutsche Welle, Bonn).