

TRANSP development: update

Francesca Poli

for the TRANSP development team:

J. Breslau, M. Gorelenkova, J. Sachdev, X. Yuan

Recent changes to the TRANSP production system

- Transitioned from SVN to GIT (private repository)
- TRANSP is now in DOECode, it is versioned (**v18.1**) and has a **DOI**
 - TSHARE is no longer available to users (only for development)
- Working on installation packages and a Virtual Machine
 - for offsite users with no trusted access (*i.e.* China)
 - for users at universities (no need to tunnel)
 - for high-traffic usage (BEAST runs on local clusters)
- Additional changes in the future to accommodate this evolution
 - e.g. triage, licensing, production system, etc.



Projects close to completion and expected release date

To be released shortly:

- ISOLVER standalone [*J. Breslau*] (v18.2)
- T-T cross-sections [*M. Gorelenkova*] (fit by D. Coster, IPP) (v18.2)
- EPED1-NN for pedestal predictions [*J. Sachdev*] (v18.2)
- Hager fitting for bootstrap current [*X. Yuan*] (v18.3)



TRANSP is welcoming contributions from users

- If you have ideas for new implementation
- or synthetic diagnostics that would benefit the community
- or standalone physics codes that would expand the TRANSP capabilities

please get in touch with us

