TC-28 Update and reanalysis of international H-mode database

|  |  |  |  |
| --- | --- | --- | --- |
| **TG priority:** High | **Start date:** 2016 | **Status:**  New | **Personnel exchange:**  Yes |
| **IO priority:** | **End date:** | **Motivation:** | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Device /**  **Association** | **Contact**  **Persons** | **2016 TG Request** | **Activity (from JEX/JA spreadsheet)** | | | | |
| **2016** | **2017** | **2018** | **2019** | **2020** |
| JET | M. Romanelli | Desirable |  |  |  |  |  |
| DIII-D | T. Luce, G.Staebler | Desirable |  |  |  |  |  |
| AUG | C. Angioni, F. Ryter | Desirable |  |  |  |  |  |
| C-Mod | J. Walk | Desirable |  |  |  |  |  |
| NSTX-U | S. Kaye |  |  |  |  |  |  |
| DB and regression experts | K.Thomsen, G.Verdoolage |  |  |  |  |  |  |

**Purpose:** To update and reanalyze the international H-mode database to target ITER baseline discharge scenarios, including results from high-Z wall devices.

**Plans for 2016**

TC-28 started with a discussion amongst the people involved within the 2015 T&C Fall meeting. Detailed plans are being worked out by the group in several remote meetings.