**Minutes of TSVV-7 Team Meeting 15.02.2022**

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1. Most of sub-projects progress according to plan / task specification:
	1. Soret effect and equilibrium interface models implemented
		1. Cross-code comparison for Soret effect and kinetic vs equilibrium interface to be done -> Klaus sends respective cases to Jonathan
	2. Implementation of neutron damage creation and damage stabilization
		1. Damage stabilization model from M. Pecovnic (ref. D. Kato for DFT)
		2. Creation-relaxation algorithm (CRA) from D. Meson
		3. Experimental data for self-damaged W (TDS etc)
		4. Trap annealing not considered so far (temperature effect)
	3. Modelling of retention and permeation in DEMO (so far without n- or He-effects)
		1. Main wall: paper by R. Arredondo using CX fluxes from S. Lisgo (ITER)
		2. Divertor: PSI contribution from CEA/USPN (const. trap density, conc. b.c.)
		-> contact D. Tskhakaya for fluxes and ion energy distributions from PIC
		-> contact WPDIV for current monoblock design -> SOLVED
	4. He bubble model in FESTIM: so far only indirect connection to H transport model
		1. He bubble bursting model in development
2. ACH support:
	1. ~4 PM still available in 2022: can be for RAVETIME, SDTrimSP3D, IMASization
3. DEMO geometry, equilibrium and plasma solution:
	1. Baseline equilibrium 2017, geometry and SOLPS-ITER plasma solution available from DCT (F. Subba 2021), not fully DEMO relevant, upgrade to come in 2022
4. EUROfusion Standard Software -> clarify the licensing solution for code dissemination
5. IMASization
	1. What do we want to exchange between the codes within TSVV?
	-> discussions to be organized between code users

-> list of input/output data by the codes (incl. data type, dimensionality, size, etc)

* 1. Are there proper data fields for PWI within IMAS?
	-> clarify who will implement new, currently missing data fields (ACH, E-TASC SB)
	2. 2022: IMAS compatibility requirements and implementation workplan
	2023: practical work with ACH support
	3. IMAS training 2021:
	[https://docs.psnc.pl/display/WFMS/Tutorial+-+adapting+codes+to+IMAS](https://docs.psnc.pl/display/WFMS/Tutorial%2B-%2Badapting%2Bcodes%2Bto%2BIMAS)