

WP10-ITM-ISIP

<i>Year</i>	<i>Work Description</i>	<i>Associate</i>	<i>Manpower Baseline Support (ppy)</i>	<i>Manpower Priority Support (ppy)</i>	<i>Hardware, Cons., Other Expenditur e Priority Support (kEuros)</i>
2010	WP10-ITM-AMNS-ACT2-T1-01/MEdC Contribution of AMNS data Supply atomic data for collision strengths, cross sections and rates for electron collision with atoms and ions. This task will be done under joint collaboration with ADAS and ISIP teams.	MEdC	1.00	0.00	0.00
2010	WP10-ITM-AMNS-ACT3-T1-01/MEdC Development and maintenance of AMNS modules Development of modules to modules delivering AMNS data in a standardized form to ITM codes.	MEdC	0.00	0.30	0.00
1010	WP10-ITM-IMP12-ACT9-T1-01/MEdC Resistive wall modes Numerical model to calculate the wall response (for a real 3D geometry with holes, in the thin wall approximation) to the external kink mode perturbations of diverted tokamak configurations (module complying with ITM specifications.).	MEdC	1.00	0.00	0.00

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2010	WP10-ITM-IMP5-ACT4-T1-01/MEdC Development of an advanced 3D ion Fokker-Planck solver for ions A comparative study of the statistical errors by using different, exact or approximate, Gaussian random number generators, and new stochastic Runge-Kutta methods. The stochastic Runge-Kutta methods will be specially adapted and optimised according to the explicit choice of the phase-space coordinates. This work will be performed in collaboration with IRFM, CEA-Cadarache.	MEdC	0.00	0.50	0.00
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2010	WP10-ITM-ISIP-ACT3-T1-01/MEdC Simulation catalogue querying tool Updating the software packages; Updating existing configuration	MEdC	0.00	0.40	0.00
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2010	WP10-ITM-ISIP-ACT10-T1-01/MEdC Administration of the collaborative software Updating of collaborative software; reconfiguration based on user request.	MEdC	0.00	0.80	0.00
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Year	Association	Activity	Manpower		Hardware expenditure	Consumables expenditure	Other expenditures	Total	Comments
			ppy	k€	k€	k€	k€	k€	
2010	MEdC	WP10-ITM-AMNS-ACT3-T1-01/MEdC	0.30	13.20	0.00	0.00	0.00	13.20	
2010	MEdC	WP10-ITM-IMP5-ACT4-T1-01/MEdC	0.50	22.00	0.00	0.00	0.00	22.00	
2010	MEdC	WP10-ITM-ISIP-ACT10-T1-01/MEdC	0.80	14.08	0.00	0.00	0.00	14.08	
2010	MEdC	WP10-ITM-ISIP-ACT3-T1-01/MEdC	0.40	7.04	0.00	0.00	0.00	7.04	