

Current Science Case numbering as published in the User Requirements Document

Correlation matrix between FP7 numbering and IDIS Implementation

FP6-SC	Title / Description	NA2-WG
SC1	Venus super-rotation	3
SC2	Titan Ion Chemistry	1+3
SC3	Solar wind interaction with Jupiter and Saturn aurorae	1+4
SC4	Internally driven electrodynamic phenomena in giant planets' magneto-plasmas	1
SC5	Investigation of the interaction of magnetospheric plasma with icy moons in the Saturnian system an other giant planet systems	1+4
SC6	Definition and archiving of ground-based observations in support of space missions	1-5
SC7	Methane spectroscopy	3
SC8	Dating planetary surfaces from cratering processes: formation of the solar system	3
SC9	Quantifying the Martian geochemical reservoirs	3
SC10	Exchange processes between surface and interior of icy moons	2+3
SC11	Relative contribution to zodiacal cloud	2
SC12	What is the dynamical and morphological structure of the Kuiper belt	2
SC13	Gas and Dust emission of comet C-G during Rosetta mission	2
SC14	Solar wind-comet surface interaction	2+4
SC15	Surface material composition	3
SC16	Distant activity, outbursts, splitting and disruption of cometary nuclei	2
SC17	Planets under extreme stellar conditions	5
SC18	Tectonics on Mars	3
SC19	Terrestrial analogues in studies of the Martian surface	3
SC20	Enceladus	1+3
SC21	Mars global climate	3
-	Titan and its Tholins (aerosols)	1+3
-	Gas giant planetary atmospheres and exospheres	1,3,5
-	Gas giant planetary ionospheres, magnetospheres	1,4,5
-	Surfaces of small comets and asteroids	2
-	Dust in the solar system	2
-	Interaction between solar wind and magnetospheres/exospheres (space weather)	4
-	Dynamo properties of planetary interior	4
-	Exoplanets and other planetary systems	5

Responsible Node:	Interiors	Atmospheres	Plasma	Small Bodies	Planet.Dyn.	Techn.node
			SC2.4			
		SC2.1				
		*	SC3.1			
			SC3.2			
*			SC3.3			
*	*	*	*	*	*	SC0.1
		SC2.2				*
SC1.1						
SC1.2	*					
SC1.3						
				SC4.1		
				SC4.4	*	
	*	*	*	SC4.2		
*		*	*	SC4.5		
SC1.4				*		
				SC4.3	*	
	*	SC3.4			*	
SC1.5						
SC1.6						
SC1.7						
		SC2.3				
		SC2.5				
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NA2-WG	Description	Responsible
1	Giant planet systems as templates of planetary systems	NORBERT KRUPP
2	Small bodies and origin of the solar system	WALTER SCHMIDT
3	Terrestrial planets and comparative planetology	KAROLY SZEGO
4	Magnetic worlds, the Sun-planet connection	ESA KALLIO
5	Exoplanets and other planetary systems	HELMUT LAMMER

 implemented