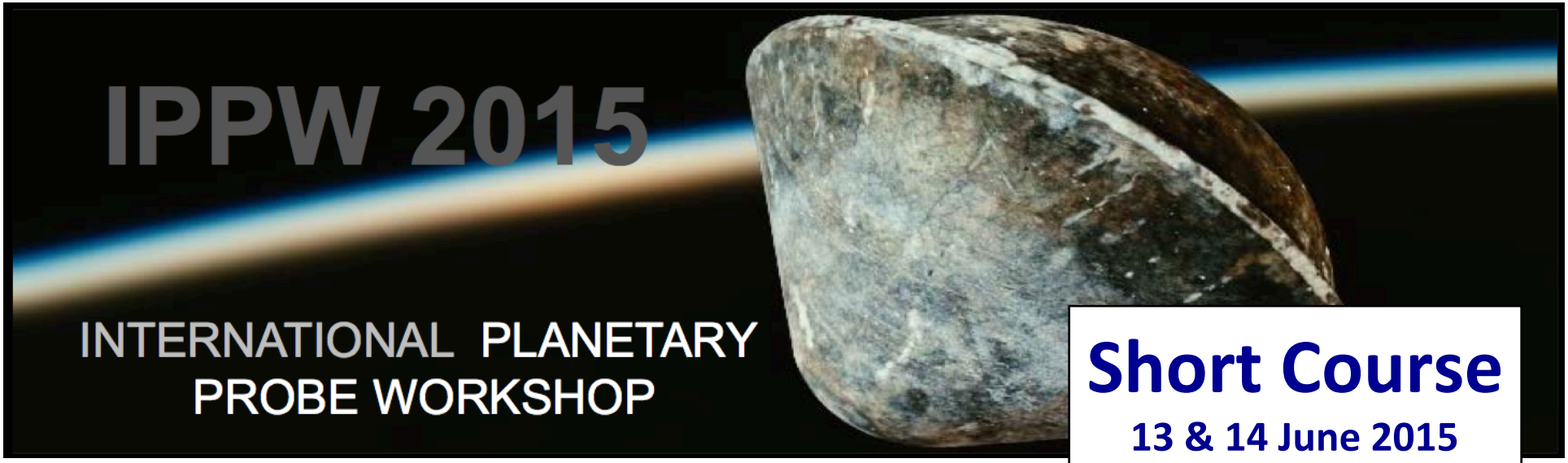

Short Course
13 & 14 June 2015
Cologne, Germany

Radio Flyers

Principles of Communications, Tracking, Radio Science, Radar, & Navigation

Sami Asmar, Chair
Dave Atkinson, Hannes Griebel, Ozgur Karatekin

Radio Flyers: Principles of Communications, Tracking, Radio Science, Radar & Navigation

1	IPPW Short Course Introduction	S. Asmar	9:30	10
2	Communications Systems	Michael Rodrigues (H. Griebel)	9:40	60
3	EDL Communications	Sami Asmar	10:40	10
	Break		10:50	20
4	Radio Science & Tracking	Sami Asmar	11:10	50
5	RS: Atmospheric Science	Sami Asmar	12:00	40
	Lunch		12:40	70
6	RS: Gravity Science	Sami Asmar & Tom Andert	13:50	40
7	RS: Planetary Surface Scattering	Dick Simpson & Sami Asmar	14:30	20
	Break		14:50	20
8	RS: Doppler Wind Experiments	Dave Atkinson (Ozgur Karatekin)	15:10	40
9	RS: Instrumentation	Bernd Hausler	15:50	40
	Adjourn		16:30	
10	Planetary Exploration with Radar	Ralph Lorenz	9:30	40
11	EDL Radar	Ralph Lorenz	10:10	20
12	RS: Solar Science	Michael Bird	10:30	20
	Break		10:50	20
13	RS: Atmospheric Drag	Pascal Rosenblatt	11:10	20
14	Navigation	Joe Guinn (Sami Asmar)	11:30	40
	Lunch		12:10	70
15	Deep Space Tracking Stations	Marco Lanucara	13:20	40
16	Demonstration & Exercise	All	14:00	70
	Break		15:10	20
	Panel Questions and Discussion	All	15:30	60
	Adjourn		16:30	