

## CNES LAUNCHERS WEEK

	Duration	Date	Names
Missions, market, current launchers	45	Mo 07.01.13 - 10h00 - 10h45	<b>Bourgeois</b>
Review of orbital dynamics	45	Mo 07.01.13 - 10h45 - 11h30	<b>Bourgeois</b>
Introduction to launch, staging and performance concepts	60	Mo 07.01.13 - 11h45 - 12h45	<b>Bourgeois</b>
Optimization and constraints of trajectory design	30	Mo 07.01.13 - 12h45 - 13h15	<b>Bourgeois</b>
Optimization and constraints of trajectory design (ctd)	30	Mo 07.01.13 - 14h30 - 15h00	<b>Bourgeois</b>
Sequence and flight mechanics	30	Mo 07.01.13 - 15h00 - 15h30	<b>Bourgeois</b>
GNC & flight software	30	Mo 07.01.13 - 15h30 - 16h00	<b>Carpentier</b>
GNC & flight software (ctd)	75	Mo 07.01.13 - 16h15 - 17h30	<b>Carpentier</b>
Mechanical design	90	Tu 08.01.13 - 09h30 - 11h00	<b>Mourey *</b>
Mechanical design (ctd)	90	Tu 08.01.13 - 11h15 - 12h45	<b>Mourey</b>
Mechanical design (ctd)	30	Tu 08.01.13 - 14h00 - 14h30	<b>Mourey</b>
Architecture and Structural conception	60	Tu 08.01.13 - 14h30 - 15h30	<b>Mourey</b>
Architecture and Structural conception (ctd)	90	Tu 08.01.13 - 15h45 - 17h15	<b>Mourey</b>
Introduction to rocket propulsion	15	We 09.01.13 - 10h00 - 10h15	<b>Fortunier</b>
Liquid rocket propulsion	75	We 09.01.13 - 10h15 - 11h30	<b>Fortunier</b>
Liquid rocket propulsion (ctd)	90	We 09.01.13 - 11h45 - 13h15	<b>Fortunier</b>
Liquid rocket propulsion (ctd)	60	We 09.01.13 - 14h30 - 15h30	<b>Fortunier</b>
Solid rocket propulsion	30	We 09.01.13 - 15h30 - 16h00	<b>Fortunier</b>
Solid rocket propulsion (ctd)	75	We 09.01.13 - 16h15 - 17H30	<b>Fortunier</b>
Avionics	90	Th 10.01.13 - 10h00 - 11h30	<b>Miramont *</b>
Avionics (ctd)	30	Th 10.01.13 - 11h45 - 12h15	<b>Miramont</b>
Thrust deflection	30	Th 10.01.13 - 12h15 - 12h45	<b>Miramont</b>
Ground Safety	60	Th 10.01.13 - 14h00 - 15h00	<b>Aussilhou</b>
Flight Safety	30	Th 10.01.13 - 15h00 - 15h30	<b>Aussilhou</b>
Flight Safety (ctd)	30	Th 10.01.13 - 15h45 - 16h15	<b>Aussilhou</b>
RAMS	60	Th 10.01.13 - 16h15 - 17h15	<b>Aussilhou</b>
Orbital pollution constraints	90	Fr 11.01.13 - 9h30 - 11h00	<b>Bonnal *</b>
Launch installations - Launch base	90	Fr 11.01.13 - 11h15 - 12h45	<b>Bonnal</b>

Future Launchers and Advanced Concepts	90	Fr 11.01.13 - 14h00 - 15h30	<b>Bonnal</b>
Future Launchers and Advanced Concepts (ctd)	90	Fr 11.01.13 - 15h45 - 17h15	<b>Bonnal</b>