Day 1 - Wednesday 27th November

Location: Place Building – Room C01, Lille (170 Av. de Bretagne, 59000 Lille → Find your way)
Room: C01-C02 Ground Floor
Hybrid access: https://www.sofa-framework.org/stc18/join

	9:00 am	*Welcoming breakfast*	
SOFA activity overview	9:15 – 9:30 am	**Opening STC#18 with consortium news**	
	9:30 – 10:30 am	**v24.12 roadmap contributions (1/2)** (each 15 min. max) • Refactoring of the matrix assembly - Alexandre Bilger • Constraint modernization - Alexandre Bilger • Refactor object registration - Frédérick Roy • Performance regression tests - Paul Baksic • Updated and automated documentation - Hugo Talbot • Cosserat rod plugin - Yinoussa Adagolodjo • Validation & Verification - Hugo Talbot	
	10:30 – 11:00 am	*Coffee break*	
	11:00 – 12:00 pm	**v24.12 roadmap contributions (2/2)**	
	12:00 – 12:30 pm	**Roundtable** Share your out-of-roadmap activity - past and future (without slide or 3 slides max)	
	12:30 – 1:30 pm	*Lunch*	
	1:30 – 1:45 pm	**Consortium missions** **Presentation of the v25.06 provisional roadmap**	
Defining v25.06 roadmap	1:45 – 3:15 pm	**Validation & Verification**	**Differentiation in simulation**
	3:15 – 3:45 pm	*Coffee break*	
Defining v25.06 roadmap	3:45 – 5:15 pm	**Collision detection modernization**	
	5:15 – 5:30 pm	*Coffee break*	
	5:30 pm	Day 1 - Wrap up	
	7:00 pm	*Social Event - Restaurant (Chez la Vieille)*	

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Day 2 - Thursday 28th November

Location: Place Building – Room C01, Lille (170 Av. de Bretagne, 59000 Lille → Find your way)
Room: C01-C02 Ground Floor (no hybrid access)

9:00 am	*Welcoming breakfast*	
9:30 – 10:30 am	**Journal Club : Vertex Block Descent**	
10:30 – 11:00 pm	*Coffee break*	
11:00 – 12:30 pm	**Common "technological ground" between SOFA and InSimo's fork**	
12:30 – 1:30 pm	*Lunch*	
1:30 – 3:00 pm	**Data : specification + serialization**	**Test on hyperelastic materials**
3:00 – 3:30 pm	*Coffee break*	
3:30 – 5:00 pm	**Newton Raphson implementation**	
7:00 pm	*Social Event - Bar (La Capsule)*	

Day 3 - Friday 29th November

Location: Place Building – Room C01, Lille (170 Av. de Bretagne, 59000 Lille → Find your way)
Room: C01-C02 Ground Floor (no hybrid access)

9:00 am	*Welcoming breakfast*	
9:30 – 10:30 am	**Journal Club : Adaptive Rigidification of Elastic Solids**	
10:30 – 11:00 pm	*Coffee break*	
11:00 – 12:30 pm	**Stability issues**	**Revisit of the Shell plugin**
12:30 pm	*STC#18 closing*	

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