

Day 1 - Wednesday 24th November

Location: Online

	9:00 am	Online welcoming	
SOFA activity overview	9:10 – 9:30 am	Opening STC#12 with consortium news	
	9:30 – 10:30 am	Roundtable (1/2) Share your activity around SOFA: past and future, 5 slides max (optional)	
	10:30 – 10:45 am	Coffee break	
	10:45 – 11:30 am	Roundtable (2/2) Share your activity around SOFA: past and future, 5 slides max (optional)	
	11:30 – 12:30 pm	 v21.12 roadmap contributions (10 slides max) Matrix assembly SOFA Next-Gen (NG): clean-up & finalization Cosserat plugin SOFA & AI Topologies and topological changes in SOFA User experience & Developer experience 	
	12:30 – 1:30 pm	Lunch	
Defining v22.06 roadmap	1:30 – 2:30 pm	Select potential projects for v22.06 roadmap Potential projects for the roadmap must satisfy these criterias: - Someone is the main contact - We are sure that the project will evolve in the next 6 months - We can list ~5 objectives for the next 6 months First selection: • Matrix assembly • SOFA Next-Gen (NG) • Beam modeling: from Timoshenko to Cosserat theory • Al: Inventive new approaches to couple SOFA and Al	
	2:30 – 4:30 pm	Define 6-month objectives for each potential project (in Breakout Rooms) For each project, list ~5 realistic objectives for the next in 6 months.	
	4:30 – 4:45 pm	Coffee break	
	4:45 – 5:15 pm	Review objectives to finalize v22.06 roadmap For each project, are we satisfied with the objectives? If yes, the project is added to v22.06 roadmap.	
	5:30 pm	End of Day 1	



Day 2 - Thursday 25th November

Location: Online

9:15~am - Technical discussions (see schedule below) and coding sprint (see <u>STC#12 task list</u>)

5:00 pm - End of Day 2

Day 3 - Friday 26th November

Location: Online

9:15 am - Technical discussions (see schedule below) and coding sprint (see STC#12 task list)

4:00 pm - End of STC#12



Technical discussion schedule

Add your topic here

Day 2 (Thursday)

Time (CET)	Main Room	Breakout Room 1	Breakout Room 2
09:30 am 11:00 am	Multithreading: available and activated by default in SOFA? Role of the MT plugin?		
	How to update the internal state of components? (init, componentState, internal callbacks)	Beam models for Caribou	
01:30 pm 03:00 pm	How to replace every getContext by Links?		
1 -	How to handle errors in our code? See #1924		
	Caribou plugin integration into SOFA (from SOFA point of view)	Integration of MoHSES (Modular Healthcare Simulation Education System) and BioGears (A physiology engine), both Open Source with SOFA	

Day 3 (Friday)

Time (CET)	Main Room	Breakout Room 1	Breakout Room 2
09:30 am 11:00 am	How to deprecate things (code, scenes,) in SOFA? (1/2)		
	How to deprecate things (code, scenes,) in SOFA? (2/2)	How to refactor the choice of collision response method to make it clearer?	
	Workshop: setup a CI for your plugin with GitHub Actions (1/2)		
1	Workshop: setup a CI for your plugin with GitHub Actions (2/2)		