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
		• AI: Inventive new approaches to couple SOFA and AI

	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 [STC#12 task list](#))
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?		
11:00 am **12:30 pm**	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?		
03:00 pm **04:30 pm**	How to handle errors in our code ? See #1924		
04:30 pm **06:00 pm**	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)		
11:00 am **12:30 pm**	How to deprecate things (code, scenes, ...) in SOFA? (2/2)	How to refactor the choice of collision response method to make it clearer ?	
01:30 pm **03:00 pm**	Workshop: setup a CI for your plugin with GitHub Actions (1/2)		
03:00 pm **04:30 pm**	Workshop: setup a CI for your plugin with GitHub Actions (2/2)		