

SimCardioTest Workshop on Standardisation.

Draft agenda

**At Inria, Sophia Antipolis, France
28-29 October 2021**

**Organised by Maxime Sermesant &
Michèle Barbier, Inria; Hermenegild
Arevalo, Simula; Alessia Baretta &
Fianne Sips, InSilicoTrials**

This aim of this workshop is to exchange on the development, adoption and application of technical standards within SimCardioTest for the following aspects of in-silico trials: *in-silico model *personalisation from clinical data *simulation inputs/outputs *different components of the simulation workflows *required interfaces *interoperability of the different modelling softwares.

[Registration here](#)

WK OPEN ONLY TO SIMCARDIOTEST MEMBERS

Arrivals on 27 October: meet for a drink/diner

Day 1 morning - 28 October

9h-10h30 SimCardioTest presentation & overview

Introduction & Overview: Maxime Sermesant, Inria

WP description: WP leaders 5min. each

Management: Michele Barbier, Inria



10h30-12h30 Standardisation

Plenary lecture: (Tbc) David Nickerson, Auckland Bioengineering Institute

Standardisation within SimCardioTest: Hermenegild Arevalo, Simula

Cybersecurity & management of data online: Tbd, InSilicoTrials

Lunch at Inria



SimCardioTest - Simulation of Cardiac Devices & Drugs for in-silico Testing and Certification
EU Horizon 2020 Research & Innovation Program - Digital transformation in Health and Care

Inria



**SIM
CARDIO
TEST**

SimCardioTest Workshop

on Standardisation.

**At Inria, Sophia Antipolis, France
28-29 October 2021**

Day 1 afternoon - 28 October

14h-17h30: Hands-on SimCardioTest



Technical workflow/pipeline: Hermenegild Arevalo, Simula

- Standardisation & use case 1: Pacing leads & catheter
- Standardisation & Use case 2: Left Atrial appendage Occluder
- Standardisation & use case 3: Drugs, toxicity & efficacy

17h30- 18h: Wrap up Conclusions, identification of needs

19h30: SimCardiotest diner

Day 2 - 29 October

9h-12h: Hands-on (to continue)

Parallel sessions

10h-13h Lectures SimCardioTest - Early Career Professionals

10h-13h: Executive Committee meeting

13h: end of the workshop

Inria Sophia Antipolis Méditerranée
2004 Route des Lucioles,
06902 Valbonne France
Michele contact: +33 6 3307 9899



SimCardioTest - Simulation of Cardiac Devices & Drugs for in-silico Testing and Certification; EU Horizon 2020
Research & Innovation Program - Digital transformation in Health and Care

Grant Agreement No. 101016496

www.simcardiotest.eu