

# **THESEUS Consortium Meeting 2025 (ASI auditorium in Rome, October 7 - 9) Draft Agenda (August 25th)**

## **Tuesday October 7th**

14:00 – 14:20: Welcome address by ASI and Consortium (Negri, Amati)

### Phase-A study status: towards MSR and final science reviews

14:20 – 15:00: ESA (overview, mission profile, + contrib. by Vavrek)

15:00 – 15:20: Consortium and science study team (Amati, Kuulkers)

15:20 – 16:20: SXI (overview + contributed by Feldman, Bugey, Melchior)

16:20 – 16:30: coffee break

16:30 – 17:20 XGIS (overview + contributed by Marisaldi and Caballero-Garcia)

17:15 – 18:00 IRT (overview CAM + overview TEL + contributed by

Toth) 18:00 – 18:30: Payload and master Data Handling Units

(overview)

## **Wednesday October 8th**

### Science: Introduction

09:30 – 09:50: “Yellow Book” preparation and facing science review panels (Amati, Kuulkers)

09:50 – 10:10: Concept of operations, Mission Observation Simulator and Science simulation tools (Bozzo)

10:10 – 10:30: Scientific simulations for THESEUS with SIXTE (contributed by Lorenz)

10:30 – 11:00: Overview of THESEUS scientific value in late '30s and the '40s

(Tanvir) 11:00 – 11:20: coffee break

### Science: Early Universe

11:20 – 12:00: Overview by spoke persons (Christensen, Le Floch)

12:00 – 12:40: Contributed talks (Saccardi, Piedipalumbo)

12:40 – 14:00: lunch

### Science: Multi-messenger astrophysics

14:00 – 14:40: Overview by spoke persons (Ciolfi, Stratta)

14:40 – 15:20: Contributed talks (Pavan, Rossi)

### Science: Time-domain astronomy

15:20 – 16:00: Overview by spoke persons (Mereghetti, Osborne)

16:00 – 16:20: Coffee break

16:20 – 17:00: Contributed talks (Balman, Ricci)

### Science: GRB science

17:00 – 17:40: Overview by spoke persons (Ghirlanda, Salvaterra)

17:40 – 18:00: Contributed talks (Chang)

## **Thursday October 9th**

### Science: Fundamental Physics and Guest Observer science

09:30 – 10:00: Fundamental physics with THESEUS (Santangelo)

10:00 – 10:30: Feasibility and implementation of GO programme with THESEUS (Bozzo, Vavrek)

10:30 – 11:00: GO science with THESEUS (Blain)

11:00 – 11:30: coffee break

## Science: Synergies

11:30 – 13:00: Focus on synergies and final discussions

13:00 – 14:30: Closure and final lunch