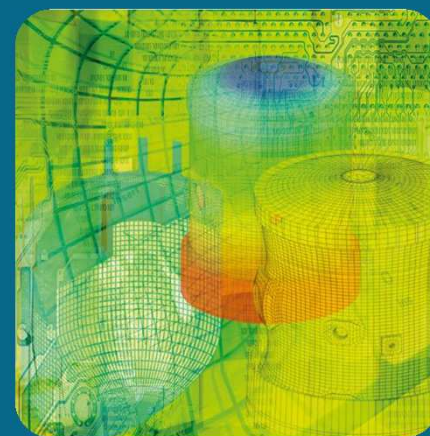




La force de l'innovation

OREKIT DAY 2019



NICOLAS FROUVELLE



WELCOME !!!



Orekit Day

... Is made by the Orekit community ...

Thank you to all presenters !!!

... For the Orekit community ...

Thank you to all of you for being here !!!



AGENDA

MORNING SESSIONS

When	What	Who	Company
9:00-9:30	Orekit Day Welcoming Coffee		
9:30-10:45	Morning Session #1		
9:30-9:35	#0 - Orekit Day introduction	Pierre BORNUAT / Nicolas FROUVELLE	CS
9:35-10:10	#1 - Orekit development status	Maxime JOURNOT	CS
10:10-10:45	#2 - JSatOrb: Simplified Mission Analysis REST-based Tool Dedicated to Education and Training	Thibault GATEAU	ISAE-Supaero
10:45-11:00	Coffee Break		
11:00-12:30	Morning Session #2		
11:00-11:35	# 3 - Quartz: Airbus flight dynamics software, based on Orekit	Yannick JEANDROZ	Airbus DS Toulouse
11:40-12:15	# 4 - The Orekit Python Wrapper – Accessing the Python Scientific Ecosystem	Petrus HYVÖNEN	SSC (Swedish Space Corp)
12:15-13:45	Lunch Break		



AGENDA

AFTERNOON SESSIONS

When	What	Who	Company
12:15-13:45	Lunch Break		
13:45-15:45	Afternoon Session #1		
13:45-14:20	# 5 - EUMETSAT tools for mission analysis based on Orekit	Stefano PESSINA	EUMETSAT
14:25-15:00	# 6 - DSST Orbit Determination in Orekit	Bryan CAZABONNE	CS
15:05-15:40	# 7 - Orekit for nanosatellite missions at Technische Universität Berlin	Clément JONGLEZ	Technische Universität Berlin
15:45-16:00	Coffee Break		
16:00-17:15	Afternoon Session #2		
16:00-16:35	# 8 - Orekit in End-to-End Procedure for satellite Orbit Catalogue	Andrzej ADAMCZYK	ITTI
16:40-17:15	# 9 - ExoOps: an analysis tool for electric propulsion powered missions	Andrea FIORENTINO Mikael FILLASTRE	Exotrail
17:15-17:30	Orekit Days Conclusions and closing		



THE OREKIT ECOSYSTEM

- ➔ Orekit Website : <https://www.orekit.org>
- ➔ Orekit Gitlab : <https://gitlab.orekit.org/orekit>
- ➔ Orekit Forum : <https://forum.orekit.org/>



→ WIFI

› Access code: **##Removed##** (W-Lan : PICASSO 1)

→ Coffee and lunch breaks in PICASSO lounge

› Conference room may be locked during these breaks



QUESTIONS DURING PRESENTATIONS

- ➔ Of course, you may ask questions live after each presentation

- ➔ But we will experiment the use of MentiMeter
 - › One code per presentation + one code for conclusions

 - › To ask a question
 - Download Mobile App **Mentimeter** (Google Play and Apple Store)
Or open Web site **Menti.com** in your browser
 - Enter the presentation code (given just before each presentation)
 - Ask your questions
 - Please indicate your name

 - › All questions will be displayed and replied (if enough time available)