RÉPUBLIQUE FRANÇAISE
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CENTRE NATIONAL D'ÉTUDES SPATIALES

02 – A LOOK BACK AT KOSMOS DAY 2025

THOMAS DELMAS (CNES)

KOSMOS DAY 2026 - 24/09/2026

KOSMOS DAY 2025 IN ONE SLIDE

Main Goals

Present the product and its new features

Gather needs, challenges, and areas for improvement.

Encourage the sharing of experiences / lessons learned

Foster a sense of community

Activities

Plenary sessions

- Embedded Linux
- Cybersecurity
- Users community
- KOSMOS support

KOSMOS user experience feedback

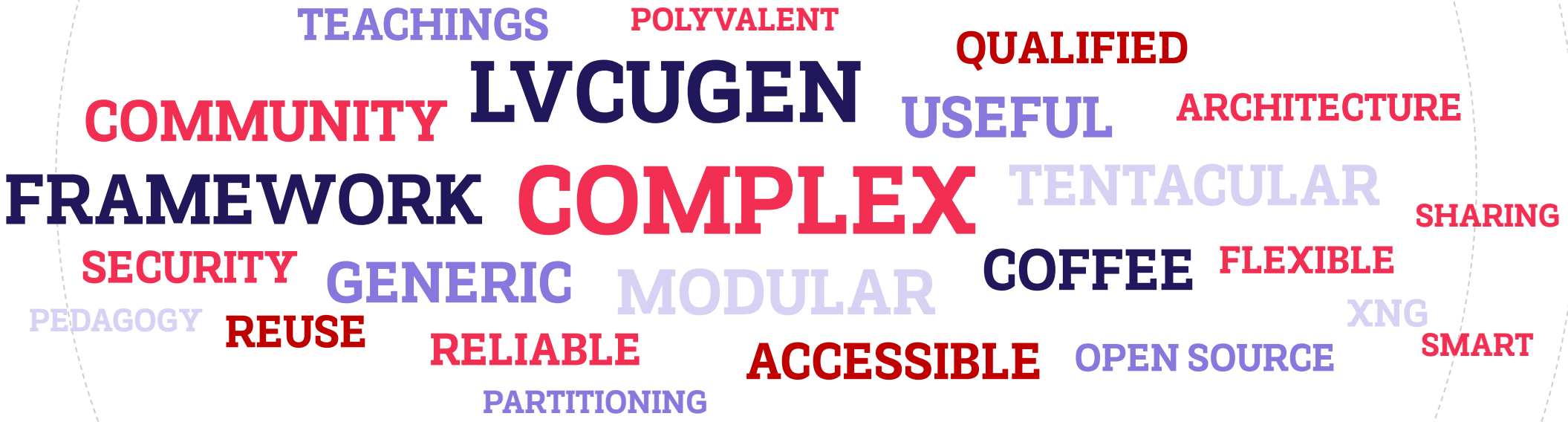
- Nanomagsat mission
- HEMERIA nanosatellites
- ISAE embedded software activities

Workshops

- Linux
- Cybersecurity
- Users community
- SW Development tools / hardware architectures

KOSMOS DAY #1 USER FEEDBACK

"DESCRIBE KOSMOS IN 1 WORD"



KOSMOS DAY #1 USER FEEDBACK

"WHAT METHODS CAN BE USED TO GROW THE USER COMMUNITY? "

OPEN SOURCE

FORUM

LVCUGEN

NEWSLETTER

MAILING LIST

COFFEE

STACK OVERFLOW

KOSMOS DAY #1 USER FEEDBACK

"ONE THING YOU WILL IMPROVE FOR THE NEXT KOSMOS DAY?"



TO PUT IT IN A NUTSHELL...

For KOSMOS: The foundations of a community have been laid, with improvements identified:

Work on reducing the complexity associated with KOSMOS.

Desired educational formats for the future:
- Tutorials
- Articles
- Testimonials
- Supplementary videos and webinars

Preferred communication channels to follow KOSMOS:
- Newsletter
- Forum / Slack or Discord-style discussions
- Email

For KOSMOS Day: The event fulfilled its educational and informative role, several improvements identified:

Develop and improve the workshops in order to go deeper.

Improve interactive phases and facilitate connections.

Prioritize **small-scale interactive formats** (roundtables, informal spaces).

More coffee !

HOW WAS THIS FEEDBACK TAKEN INTO ACCOUNT?

Reducing the complexity associated with KOSMOS.

HOW WAS THIS FEEDBACK TAKEN INTO ACCOUNT?



Educational formats for the future / communication channels

The "KOSMOS 1.0" project
KOSMunity new training resources
Product new developments
Distribution model

HOW WAS THIS FEEDBACK TAKEN INTO ACCOUNT?

Improve interactive phases and feedback opportunities

The "KOSMOS 1.0" project
KOSMunity new training resources
Product new developments
Distribution model

Feedback: CSU Toulouse
Feedback: FENTISS France
Feedback: SVOM ECLAIRS

HOW WAS THIS FEEDBACK TAKEN INTO ACCOUNT?

Develop and improve the workshops in order to go deeper.

The "KOSMOS 1.0" project

KOSMunity new training resources

Product new developments

Distribution model

Feedback: CSU Toulouse

Feedback: FENTISS France

Feedback: SVOM ECLAIRS

Demonstration workshops (30 min each + rotation)

- "KOSMO-DOOM" – Linux and TSP in action
- MBSE / KOSMOS Studio
- Generative AI for space-based embedded systems
- SKE (XNG emulation) and SWARMLAB use cases

HOW WAS THIS FEEDBACK TAKEN INTO ACCOUNT?

More coffee / networking opportunities

Welcome coffee
The "KOSMOS 1.0" project
KOSMunity new training resources
Product new developments
Distribution model
Coffee break
Feedback: CSU Toulouse
Feedback: FENTISS France
Feedback: SVOM ECLAIRS

Lunch
Demonstration workshops (30 min each + rotation) • "KOSMO-DOOM" – Linux and TSP in action • MBSE / KOSMOS Studio • Generative AI for space-based embedded systems • SKE (XNG emulation) and SWARMLAB use cases *Note: Coffee break from 3:00 PM to 3:30 PM*

TODAY'S AGENDA

Time	Topic
9h	Welcome coffee
9h30	Opening speech and Introduction
	A look back on KOSMOS DAY 2025
10h05	The "KOSMOS 1.0" project
10h25	KOSMunity new training resources
10h35	Product new developments
10h45	Distribution model
10h50	Coffee break
11h20	Feedback: CSU Toulouse
11h40	Feedback: FENTISS France
12h00	Feedback: SVOM ECLAIRS

Time	Topic
12h30	Lunch
14h00	Demonstration workshops (30 min each + rotation) • "KOSMO-DOOM" – Linux and TSP in action • MBSE / KOSMOS Studio • Generative AI for space-based embedded systems • SKE (XNG emulation) and SWARMLAB use cases *Note: Coffee break from 3:00 PM to 3:30 PM*
16h30	Closing remarks
17h	End of event

KOSMOS DAY 2026 AGENDA

Time	Length	Topic	Speaker	
9h	30min	Welcome coffee	/	
9h30	20min	Opening speech and Introduction	Pierre-Baptiste LAMBERT (CNES)	Link
9h50	15min	A look back on KOSMOS DAY 2025	Thomas DELMAS (CNES)	Link
10h05	20min	The "KOSMOS 1.0" project	José MARCOS (CNES)	Link
10h25	5min	KOSMunity new training resources	Thomas DELMAS (CNES)	Link
10h35	10min	Product new developments	Simon CORBIN (CNES)	Link
10h45	5min	Distribution model	Pierre-Baptiste LAMBERT (CNES)	Link
10h50	30min	Coffee break	/	
11h20	20min	Feedback: CSU Toulouse	Romain BOYER (CNRS)	Link
11h40	20min	Feedback: FENTISS France	AD (Fentiss FR)	Link
12h00	20min	Feedback: SVOM ECLAIRS	Frédéric Château (CEA)	Link

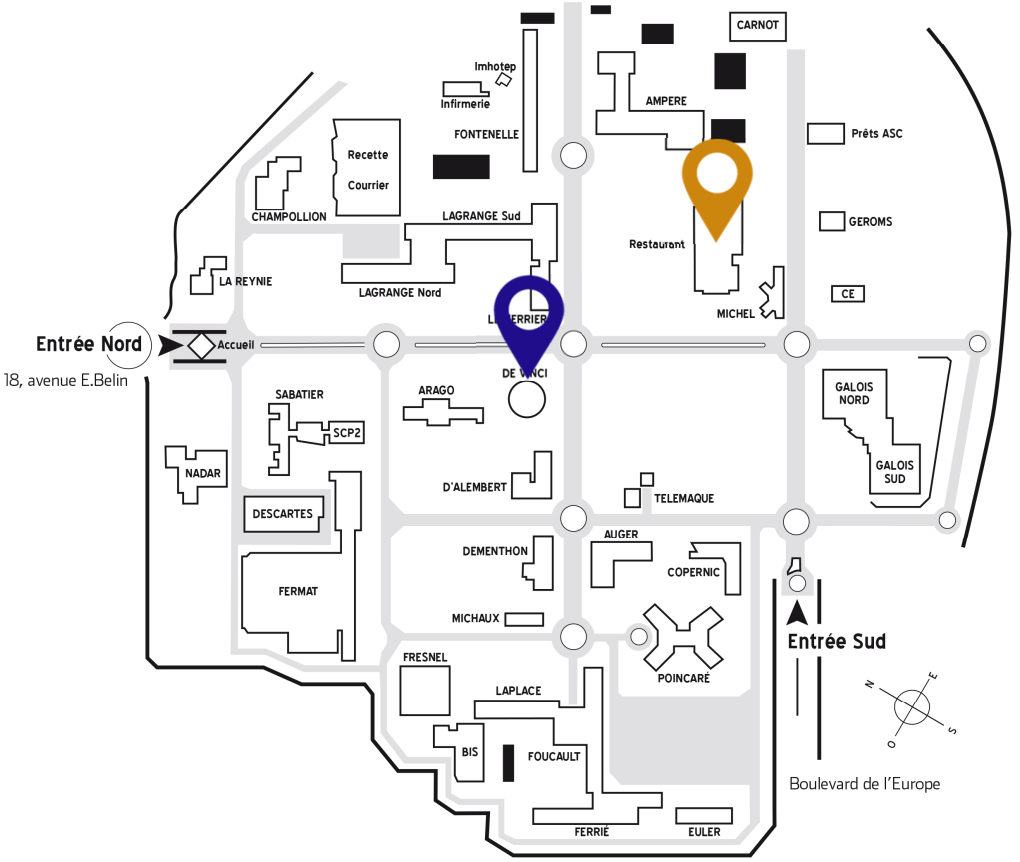
KOSMOS DAY 2026 AGENDA
- LUNCH BREAK -

IMPORTANT INFORMATION

Any time you leave the CNES premises—even briefly— you must retrieve your ID and return your badge to the security post. You will need to stop by there again to re-enter.

KOSMOS DAY resumes at 2 p.m.

Plan Centre Spatial Toulouse



KOSMOS DAY 2026 AGENDA

Time	Length	Topic	Speaker
12h30	1h30	Lunch	/
14h00	2h30	Demonstration workshops (30 min each + rotation) • "KOSMO-DOOM" – Linux and TSP in action • MBSE / KOSMOS Studio • Generative AI for space-based embedded systems • SKE (XNG emulation) and SWARMLAB use cases *Note: Coffee break from 3:00 PM to 3:30 PM*	 ONERA + CNES GMV + CNES SII + CNES FENTISS + CNES
16h30	30min	Closing remarks	CNES
17h	/	End of event	/