

Open Source  
**MANO**

**OSM-MR#10 Hackfest**

**Welcome & Logistics**

Silvia Almagia (ETSI)



# Welcome to the OSM-MR#10 Hackfest!

- 1st hackfest on OSM Release **NINE**
  - 13<sup>th</sup> hackfest overall
  - 5<sup>th</sup> fully remote

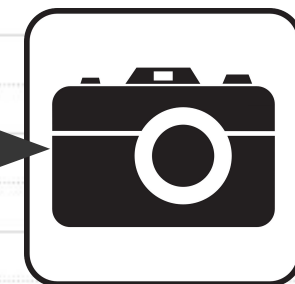


- +30h of presentations, hands-on and demos
  - Lead by key OSM community members
  - For 140+ registered participants

# Agenda (CET)

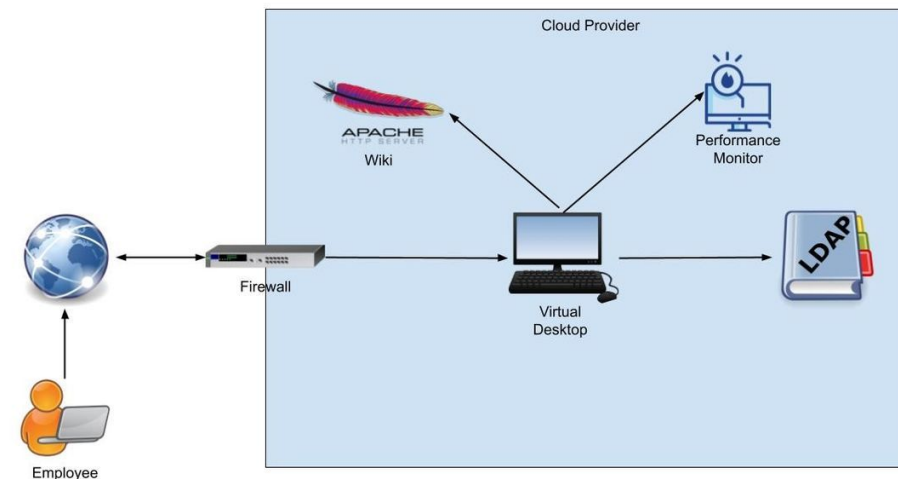
W10	8 Mar 2021	Tue 9	Wed 10	Thu 11	Fri 12
9am	<a href="https://osm.etsi.org/wikipub/index.php/OSM-MR10_Hackfest">https://osm.etsi.org/wikipub/index.php/OSM-MR10_Hackfest</a>				
10am					
11am	11am HD1.1 Welcome & Hackfest Overview (Silvia, Mark)	11am HD2.1 OSM Primitives for VNFs (David)	11am HD3.1 High Performance	11am HD4.1 OSM Development	11am HD5.1 Building operators from the ground up (David)
12pm	12pm HD1.2 Preparing our environment (Mark)	12pm HD2.2 Network Automation (scaling) (Mark, Subhankar)	11:30am HD3.2 Placement 12pm HD3.3 Network Slicing (Fernando)	11:30am HD4.2 Workflow Overview 12pm HD4.3 CI/CD Pipeline (Mark) 12:30pm HD4.4 Writing Good Tests	
1pm			1pm HD3.4 Playing with our		1pm Joining OSM (Silvia)
2pm	2pm HD1.3 Network Functions & Services Modeling (Gerardo)	2pm HD2.3 K8s support in OSM (Gerardo)	<div> 2:30pm ED1 - Telefonica I+D  3pm ED2 - Canonical  3:30pm ED3 - UC3M &amp; IT Aveiro  4pm Group Picture &amp; Coffee break  4:30pm ED4 - Telenity  5pm ED5 - Nextworks  5:30pm ED6 - CTTC </div>	2pm HD4.5 Modifying OSM Code (Eduardo, Fabian)	
3pm	2:45pm HD1.4 NFV SOL006 and Descriptor Translation (Alejandro) 3:30pm HD1.5 Checking our	3pm HD2.4 Orchestrating a CNF with Helm Charts (Gerardo)		3pm HD4.6 Debugging & Running OSM Code (I) (Eduardo, Fabian)	
4pm					
5pm	4:30pm HD1.5 Intro to OSM Primitives (David) 5:30pm HD1.6 OSM Primitives for PNFs (Mark)	4:30pm HD2.5 Orchestrating a CNF with Juju Bundles (David) 5:30pm HD2.6 Intro to Juju Relations (David)		4:30pm HD4.7 Ask Me Anything 5pm HD4.6 Debugging & Running OSM Code (II) (Eduardo, Fabian)	
6pm					
7pm					

Ecosystem Day



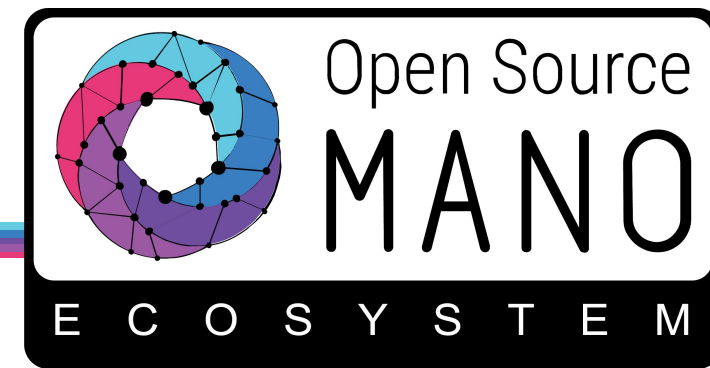
# What's new with OSM-MR#10 Hackfest

- OSM Release NINE
  - New IM, standardized descriptors
  - New features
- New Challenge!
  - You'll become a Digital Service Provider the week
  - You'll have to build your Network as a Service offering for small businesses
  - Create, Manage and Automate your network services with OSM
- More developer oriented sessions
  - How to write, deploy and debug your code in OSM





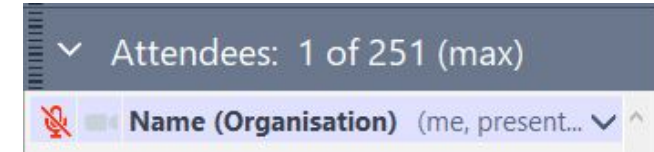
# OSM-MR#10 Ecosystem Day



[Wednesday March 10th Afternoon \(2:30 pm - 6:00 pm CET\)](#)

- **2:30 - 2:35 Welcome to the OSM-MR#10 Ecosystem Day** by Mona Hrapkowicz, **Flextronics** & OSM MARCOM Lead
- **2:35 - 3:00 On the use of OSM to allow for automated network slice scaling in multi-site environments** by Jose Ordonez-Lucena, Technology Innovation and Ecosystem, **Telefonica I+D**
- **3:00 - 3:30 Demo: Model-driven Audit Trail Logs infrastructure for Telco VNFs** by Wajeeha Hamid, Product Manager OSM, Maciej Mazur, Product Manager Telco, **Canonical**
- **3:30 - 4:00 Realization of a public safety vertical use case based on OSM and aerial/vehicular NFV infrastructures** by Borja Nogales, PhD Student at **Universidad Carlos III de Madrid** and Miguel Silva, Researcher at **Instituto de Telecomunicações Aveiro**
- **4:00 - 4:30 Group Picture & Coffee Break**
- **4:30 - 5:00 Commercial VAS domain deployment over RHOSP NFVI governed by Open Source MANO** by Dr. Gürol Akman, CTO, **Telenity**
- **5:00 - 5:30 Demo: Vertical's intent evolution at service runtime driving vCDN automated scaling** by Francesca Moscatelli, R&D Project Manager & NFV/SDN Architect, **Nextworks**
- **5:30 - 5:55 TeraFlow in the OSM ecosystem** by Dr. Ricardo Martínez, Senior Researcher, **CTTC**
- **5:55 - 6:00 OSM-MR#10 Ecosystem Day Wrap-up** by Mona Hrapkowicz, **Flextronics** & OSM MARCOM Lead

- Join us every day on **G2M**
  - <https://www.gotomeet.me/OSMhackfest>
  - Please enter your **name, surname & email**
  - Use a **headset**
  - **Mute** yourself during the presentations & demos
  - Slides are made available in the [wiki](#)
  - Sessions are being recorded and will be posted on [YouTube](#)
- Ask questions any time on [Slack](#) **#hackfests** channel
  - Please create a dedicated thread for each issue



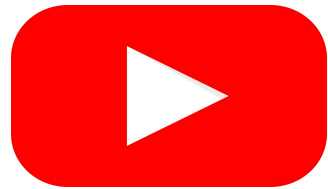
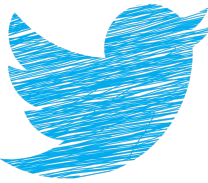
## **HIVE**

*Hub for Interoperability and Validation at ETSI*

VPN Client-to-Site Request

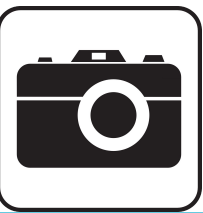
- We are providing a lab environment for the hands-on sessions
  - By now, you should have a VPN connection to HIVE
    - If you filed a request but never got a response, check your spam folder!!
  - Tenants will be allocated during the next sessions
  - Access will be removed at the end of the hackfest

- You can follow OpenSourceMANO and this Hackfest on:
  - <https://twitter.com/OpenSourceMANO>
  - <https://www.linkedin.com/company/OpenSourceMANO>
  - <https://www.youtube.com/c/OpenSourceMANO>
- Share your thoughts, impressions, pictures or screenshots on social media, blog posts...
  - mentions are welcome!



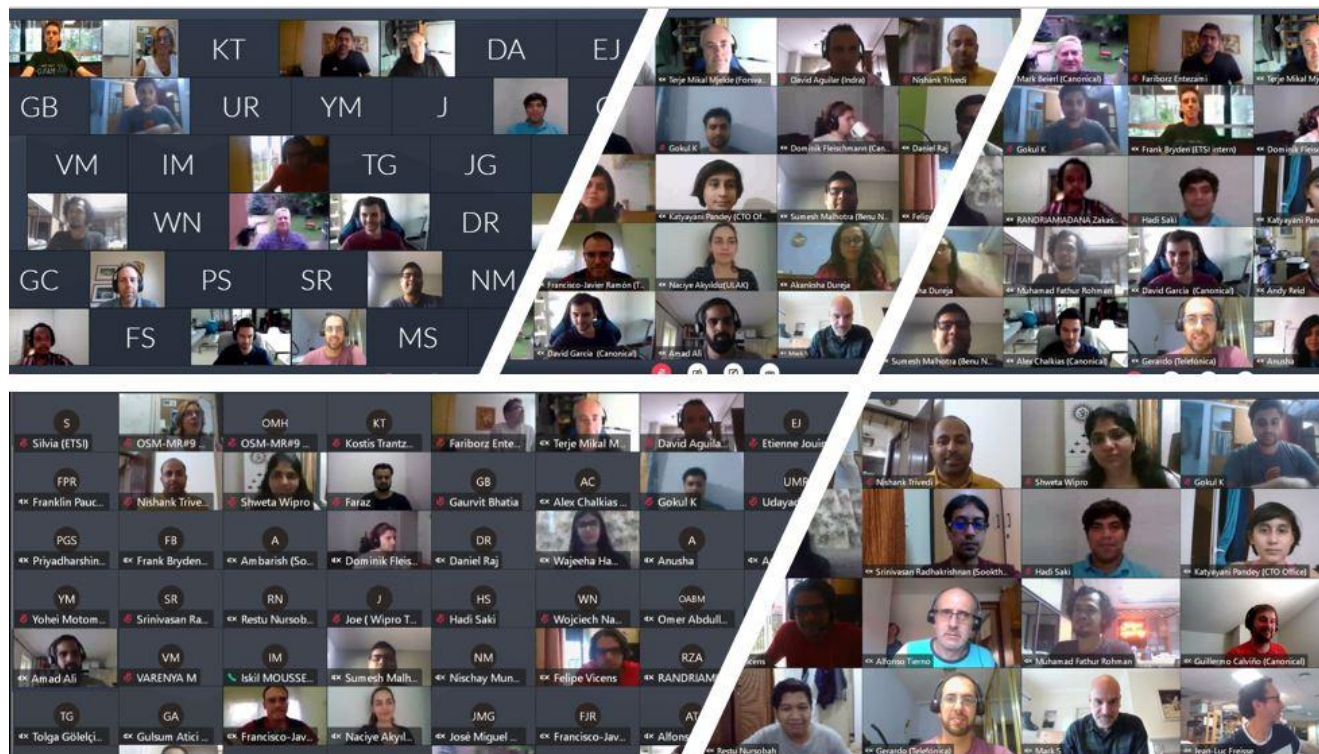
**@OpenSourceMANO #OSMhackfest #OSMecosystem**





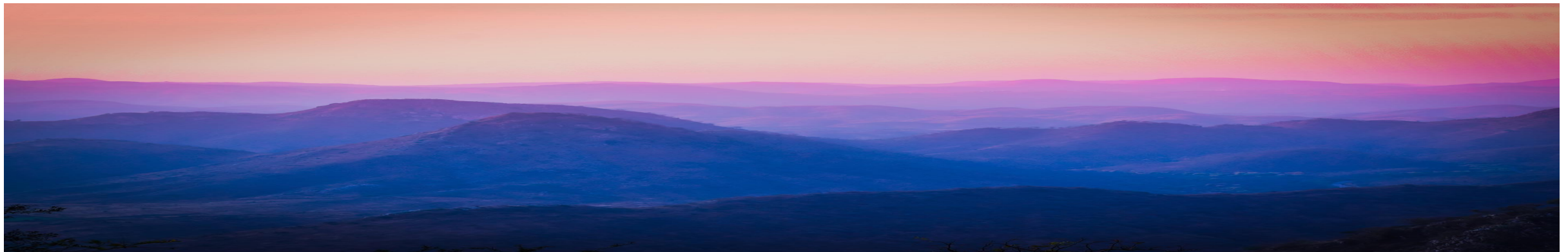
# Group Picture!

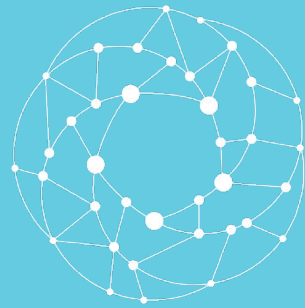
- Will be taken on Wednesday afternoon, during the coffee break of the Ecosystem Day
- Bring your favourite T-shirt or swag !!



# At the end of the week ...

- A **satisfaction survey** will be circulated
  - Please take 2 minutes to reply and leave us comments
  - Your feedback is precious!
- **e-certificates of participation** will be sent to participants who complete the week
- And .. if you liked the OSM experience.. **stay with us!**
  - Join the OSM community <https://osm.etsi.org/about/how-to-join>





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# Enjoy the hackfest!

[OSMsupport@etsi.org](mailto:OSMsupport@etsi.org)