

TeraFlow
SDN
by ETSI

Welcome & Logistics

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2nd TFS Hackfest @IEEE NetSoft Conference

Madrid, 20-21 June 2023

Welcome to the 2nd TFS Hackfest!



- ETSI TFS: TeraFlowSDN is an ETSI hosted Open-Source Community
 - Created in May 2022, building on the work of EU H2020 project TeraFlow
 - Developing a cloud native smart SDN controller
 - In support of a large set of use cases defined by different ETSI groups (NFV, MEC, mWT, ENI, SAI, PDL, OSM...) and research projects
- This is a 2-day Hackfest
 - Some theory today followed by challenge description
 - Team hacking, mentored by TFS community members
 - Final presentations and winner announcement tomorrow EOB



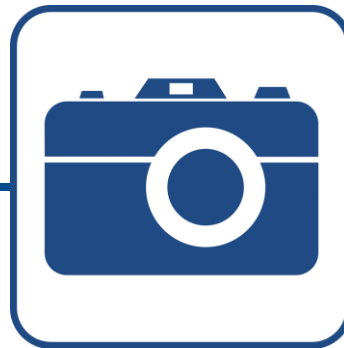
 TeraFlow
SDN Hackfest
Madrid, 20-21 June 2023



Agenda

Tuesday 20 June 2023

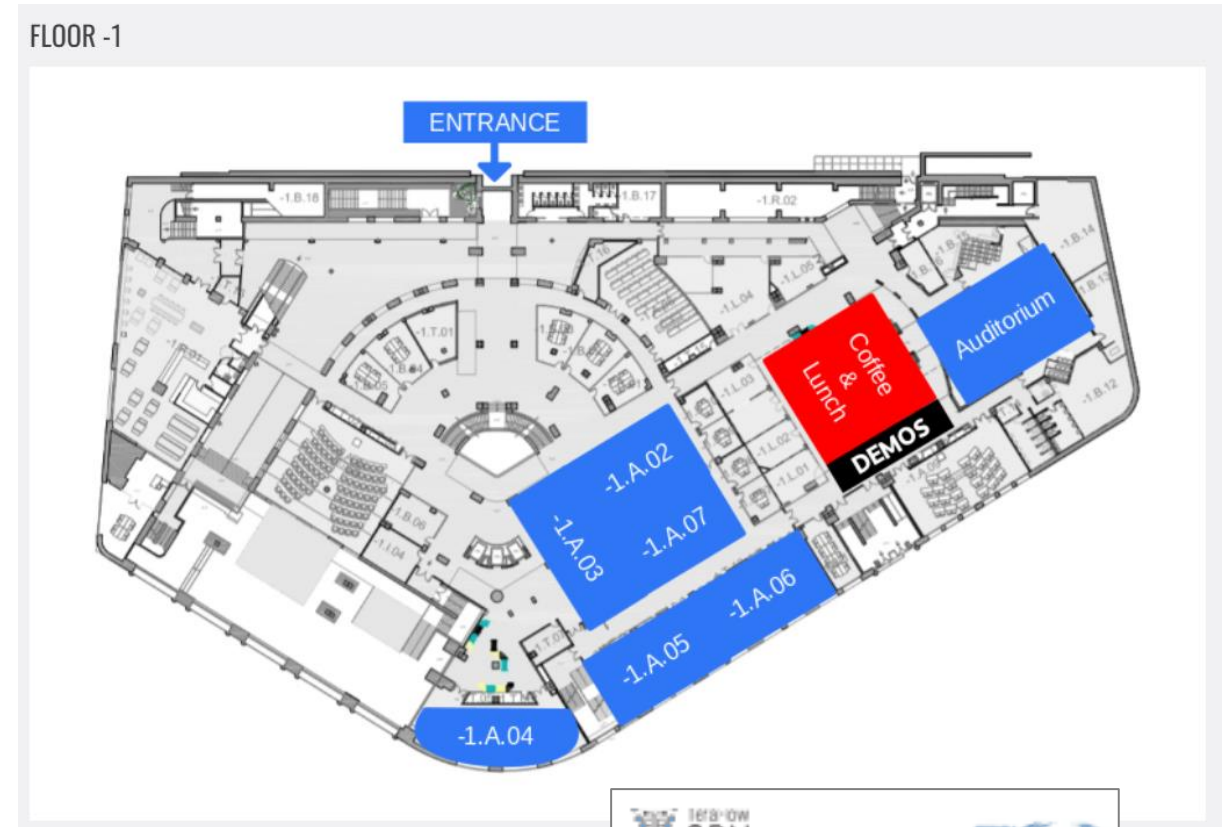
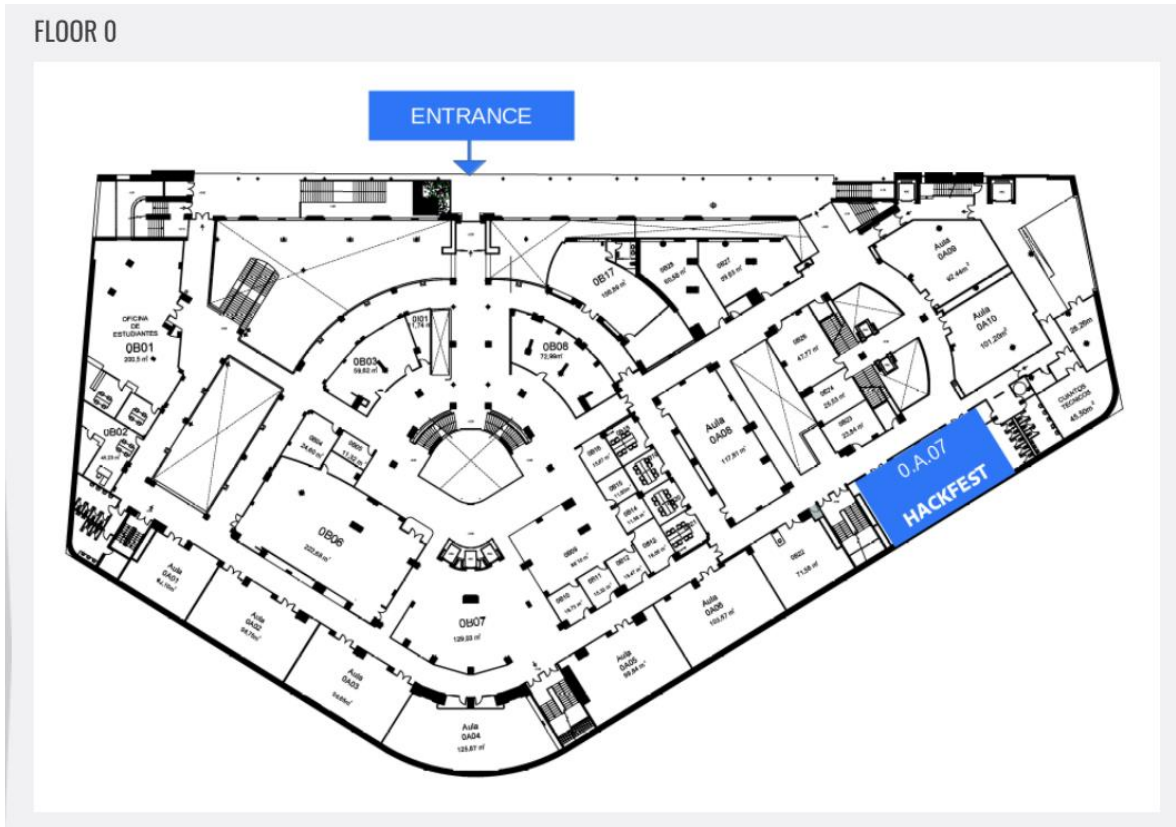
- **09:00 Welcome & Logistics**
- 09:10 TeraFlowSDN 101
- 09:40 TFS Deployment and basic use
- 10:00 Intro to ContainerLab
- 10:30 Intro to gNMI and OpenConfig
- **11:00 Coffee break**
- 11:30 Presentation of the Challenges
- **11:55 Group Picture**
- 12:00 Teams organization
- 12:15 Team Hacking Starts
- **13:30 Lunch Break**
- 14:30 Team Hacking
- **16:30 Coffee break**
- 17:00 Team Hacking
- **18:15 Wrap-up of Day 1**



Wednesday 21 June 2023

- **09:00 Welcome Day 2**
- 09:05 Progress check and discussion
- 09:20 Team-Hacking
- **11:00 Coffee Break**
- 11:30 team Hacking
- **13:30 Lunch Break**
- 14:30 Team-Hacking
- **16:30 Coffee break**
- 17:00 Final presentations (5-10 min per team)
- 18:00 Deliberation
- 18:15 Winner announcement
- **18:25 Wrap-up day and & end of Hackfest**

TFS Hackfest, Coffee & Lunch



Coffee and lunch are kindly offered by TeraFlow, wear your badge visibly!

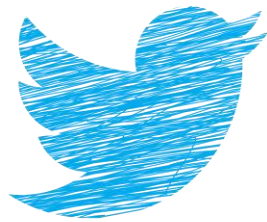


Hackfest Logistics

- **WIKI:** agenda, presentations and Hackfest material
 - <https://labs.etsi.org/rep/groups/tfs/-/wikis/TFS-HACKFEST-2>
- **BYOD:** You need your **laptop** + Linux + K8s environment
 - Follow the instructions in the [wiki](#)
 - USB Sticks available with pre-downloaded Hackfest VM
 - WIFI - SSID: UC3M-Events WPA2: Ev3nts;Junio;23
- **Slack:** Interaction with TeraFlowSDN Users and Devs
 - <https://terafloowsdn.slack.com/>
 - [Invite Link](#)
 - Join the **#hackfest2-netsoft23** channel



Follow – Tag – Comment!



@TeraFlowSDN
#TFShackfest

At the end of the Hackfest...

- A **satisfaction survey** will be circulated
 - Please take 2 minutes to answer and leave us your comments, your feedback is precious!
- **Certificates of participation** will be delivered
 - Make sure you are properly registered, and we know where to send yours!



If you enjoy the **ETSI TeraFlowSDN** experience..

- **Join us!**

- Participation is open to ETSI members, non-members, individual contributors and users...

- Free of charge for

- ME/SME
- Universities
- Public Research
- User and Trade Associations
- Individuals

- Learn [how to join](#) or contact TFSsupport@etsi.org



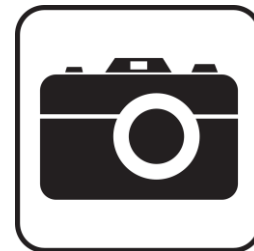
Check list

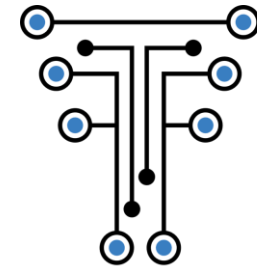
Make sure you are [registered](#)

You have your **badge**



Group picture today at 11:55





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Enjoy the Hackfest!

tfs.etsi.org
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