

# Roadmap to Collaboration Building GridFM Together

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# GridFM Reflections and What's Next

✓ “IBM Yorktown” workshop



✓ “Imperial College” workshop



✓ GridFM Linux Foundation Energy project



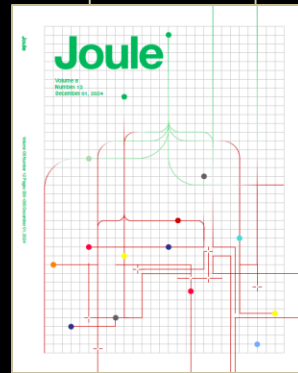
Mar 24

✓ Founding of GridFM working group



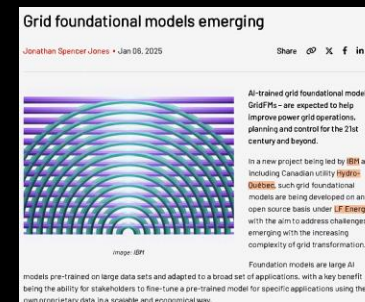
Jun 24

✓ Joule GridFM Perspective Paper



Dec 24

✓ Communication outreach



Mar 25

✓ GridFM Conference @Argonne



First version of GridFM?

Subgroups launched ✓

Technology, Governance, Collaboration →

What do you want to get out of the  
GridFM Working Group?

Mission Statement:

Enable a collaborative framework  
to advance the use of AI for  
electric grid applications.

# GridFM Working Group Structure and Activities



## ***Current Activities:***

- Monthly update calls with technical deep dives
- Bi-yearly workshops: US and Europe
- Open-sourcing through LF Energy GridFM

Let us know if you want to engage!

## ***To Come, to discuss:***

- Workshop publication
- CRESYM partnership
- Affiliate to IEEE PES (Power & Energy Society)
- Web presence to keep you up-to-date
- Slack space

Anything we should add / consider?

# Linux Foundation for Energy – GridFM



Enable the emergence  
of foundation models  
for power grids.

Contact:  
Francois Miralles  
HydroQuebec

M1: GridFMLab

M2: Foundational Grid Data Zoo

M3: GridFM Benchmark

M4: Foundational Grid Data Simulator

M5: Federated Learning for GridFM

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GridFM Conference @CRESYM



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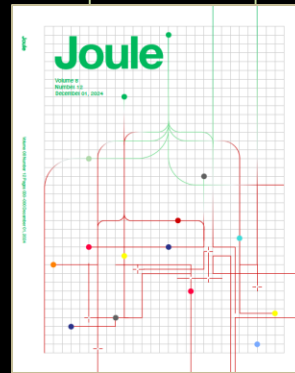
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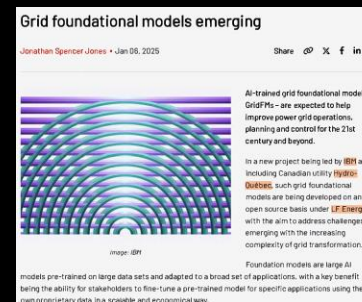
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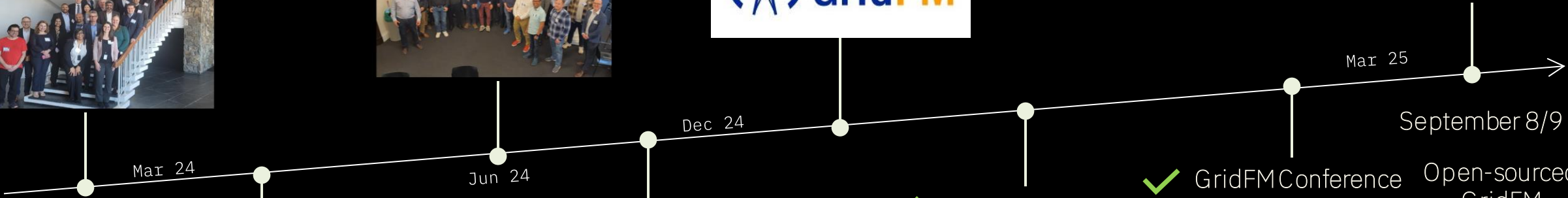
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First version of GridFM

September 8/9

Open-sourced GridFM



# GridFM Next Activities and Milestones

	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>
<b>Technology</b>	<ul style="list-style-type: none"><li>• Data simulator</li><li>• Synthetic data</li></ul>	<ul style="list-style-type: none"><li>• GridFM model</li><li>• GridFM synth use case results</li></ul>	<ul style="list-style-type: none"><li>• Benchmark data set</li><li>• GridFM applied to real-world data</li></ul>	<ul style="list-style-type: none"><li>• GridFM trained on real-world data</li><li>• GridFM tooling</li></ul>
<b>Community &amp; Outreach</b>	<ul style="list-style-type: none"><li>• CRESYM</li><li>• IEEE PES</li><li>• Web presence</li></ul>	<ul style="list-style-type: none"><li>• Workshop paper</li><li>• Neurips workshop application (April)</li><li>• IEEE PES session proposal</li></ul>	<ul style="list-style-type: none"><li>• 4<sup>th</sup> GridFM Workshop Germany September 8/9</li></ul>	

Thank you and  
safe trip back home!