

# Lyncée Tec Challenge 2022

Full-field Vibration Mode Shape  
and Transient Analysis

**Congratulations to the WINNER**



## DHM MEMS Analyzer Awarded to SAL



Lyncée Tec CEO, Dr. Yves Emery presents the award to Dr. Clement Fleury from SAL. Their prize is the latest DHM MEMS Analyzer.

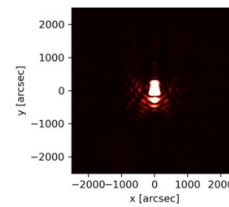
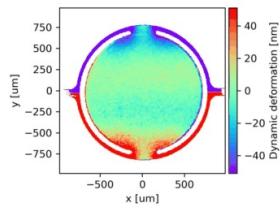
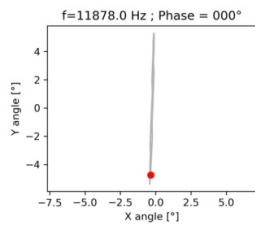
## Dynamic Deformation Characterization of MEMS Mirrors over Full Scanning Angle

SAL received this prize for the outstanding and innovative demonstration of the power of DHM's unique **full field vibration mode** shape analysis.

By Integrating a motorized goniometer on their DHM, they have fully automated the measurement of the micromirror:

- **Resonant frequency**
- **Maximum deflection angle**
- **Phase shift at resonance**
- **Dynamic deformation over its full deflection angle range**
- **Rotation axis**

Validate efficiently your simulations against experiment data and improve your MEMS design!



Dynamic deformation of a MEMS mirror during the full scanning cycle and the corresponding point spread function

[Read more](#)

## OneTreePlanted

Join our DHM users' forest of more than **8,000 trees!**

For any DHM® purchase based on a remote live-demo, Lyncée commits to [plant trees](#) through the non-profit organization [OneTreePlanted](#)



ONETREEPLANTED

[Contact us to book a remote demo](#)



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Proudly manufactured by us in Switzerland.

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