

Solitons in periodic acoustic networks

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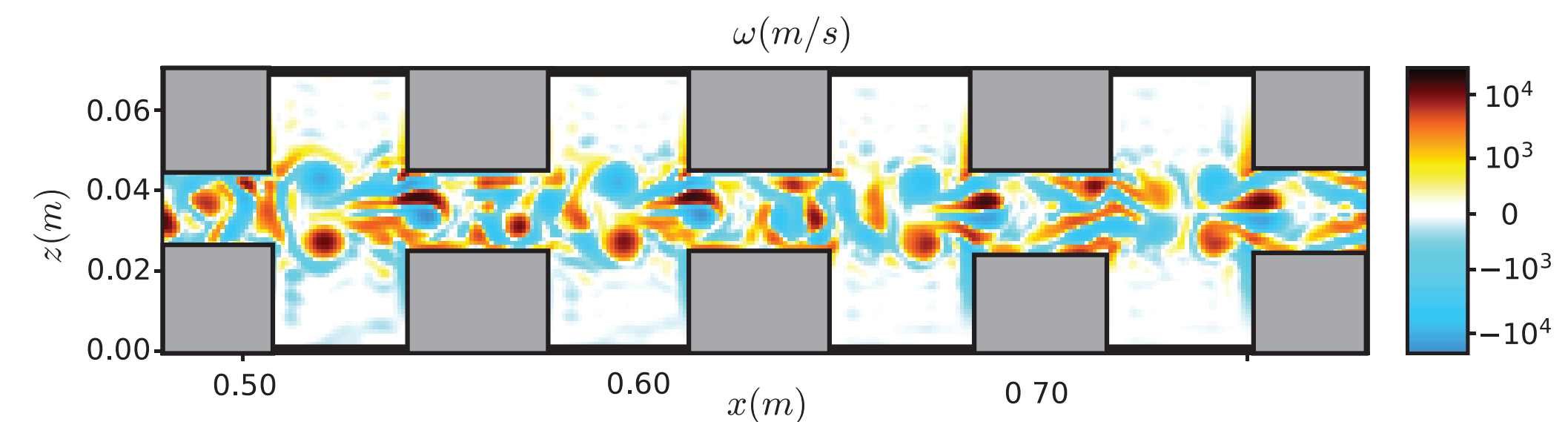
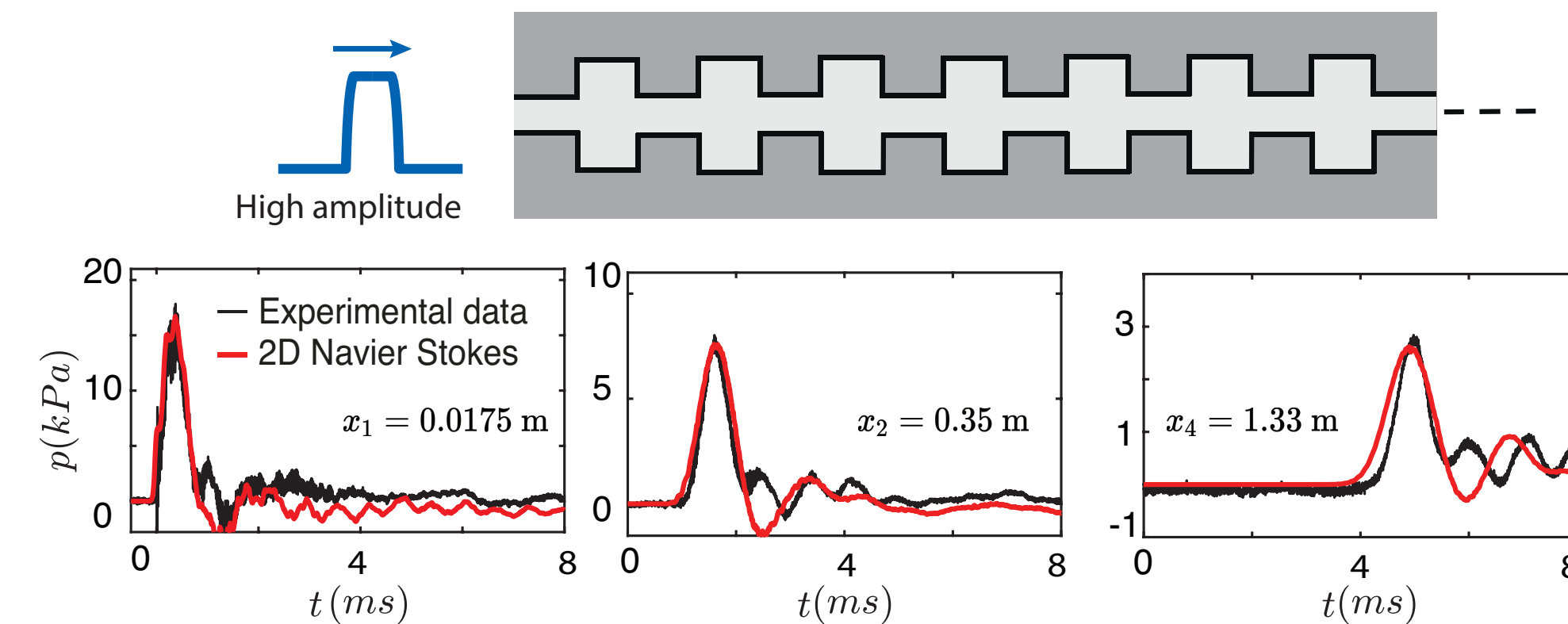
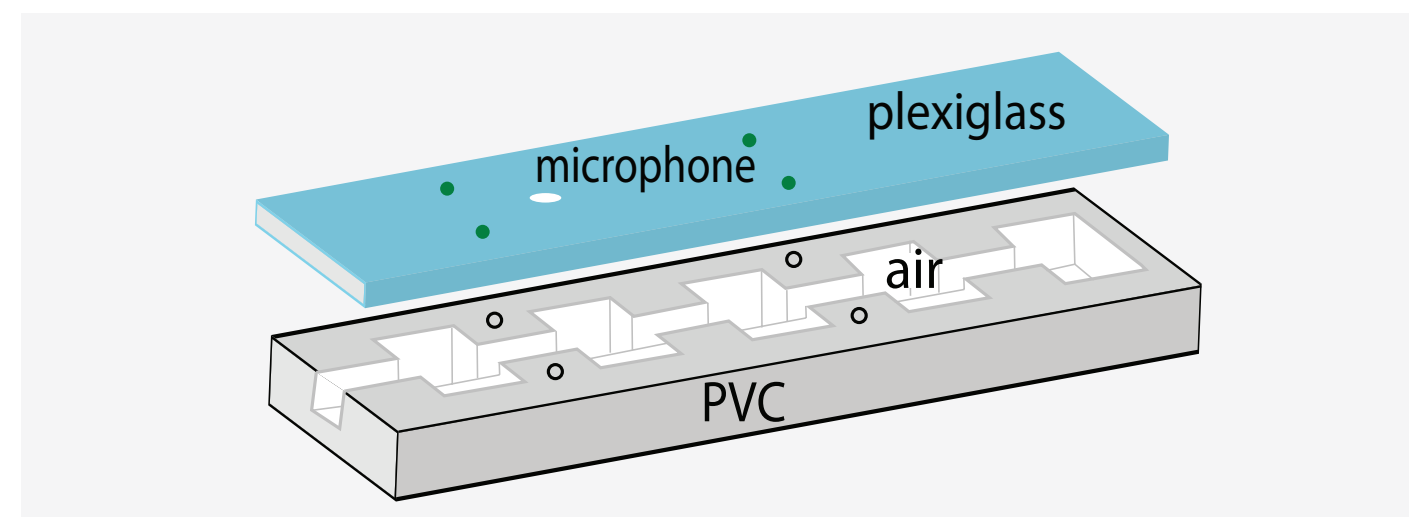
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Solitons in acoustic periodic waveguide

2D square network

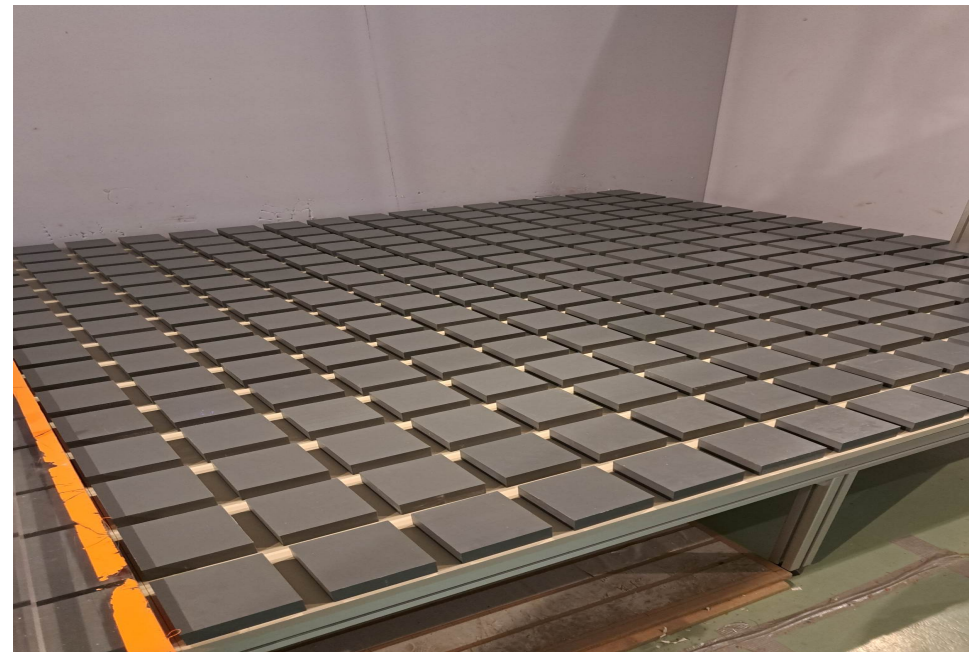


Photo taken at LAUM.

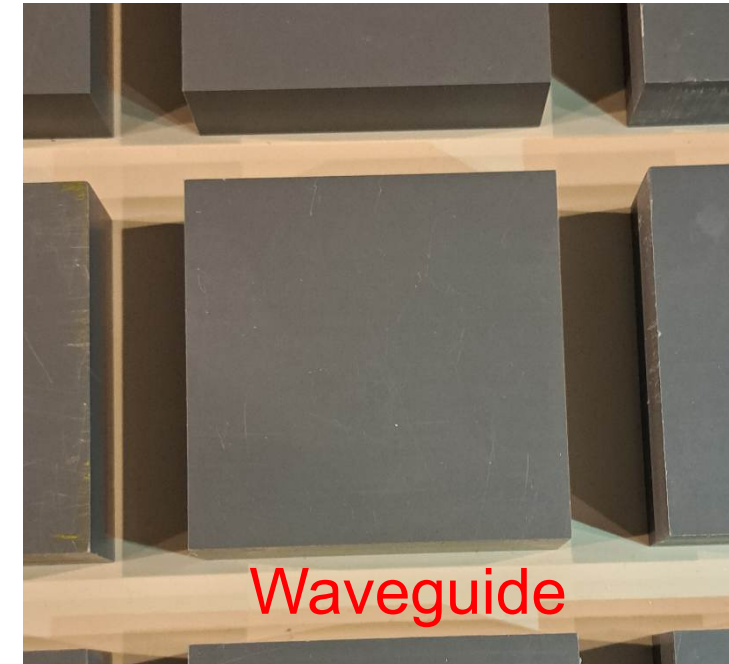
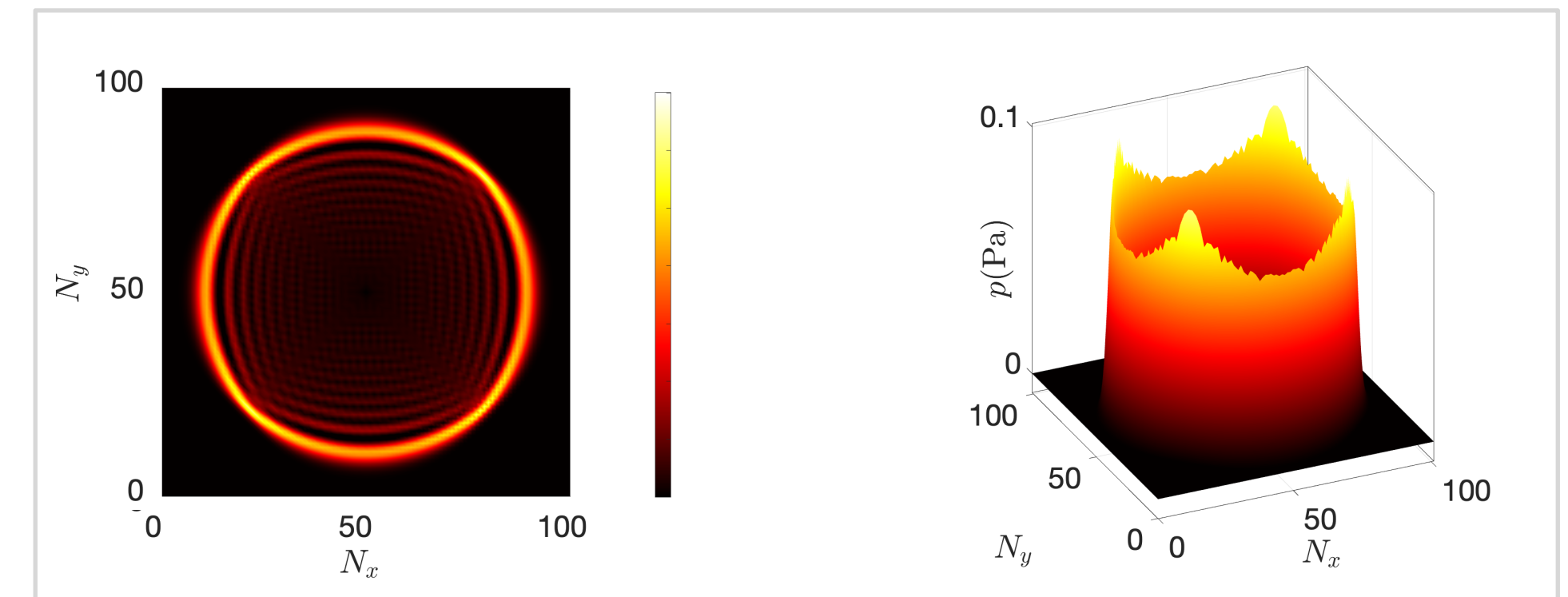
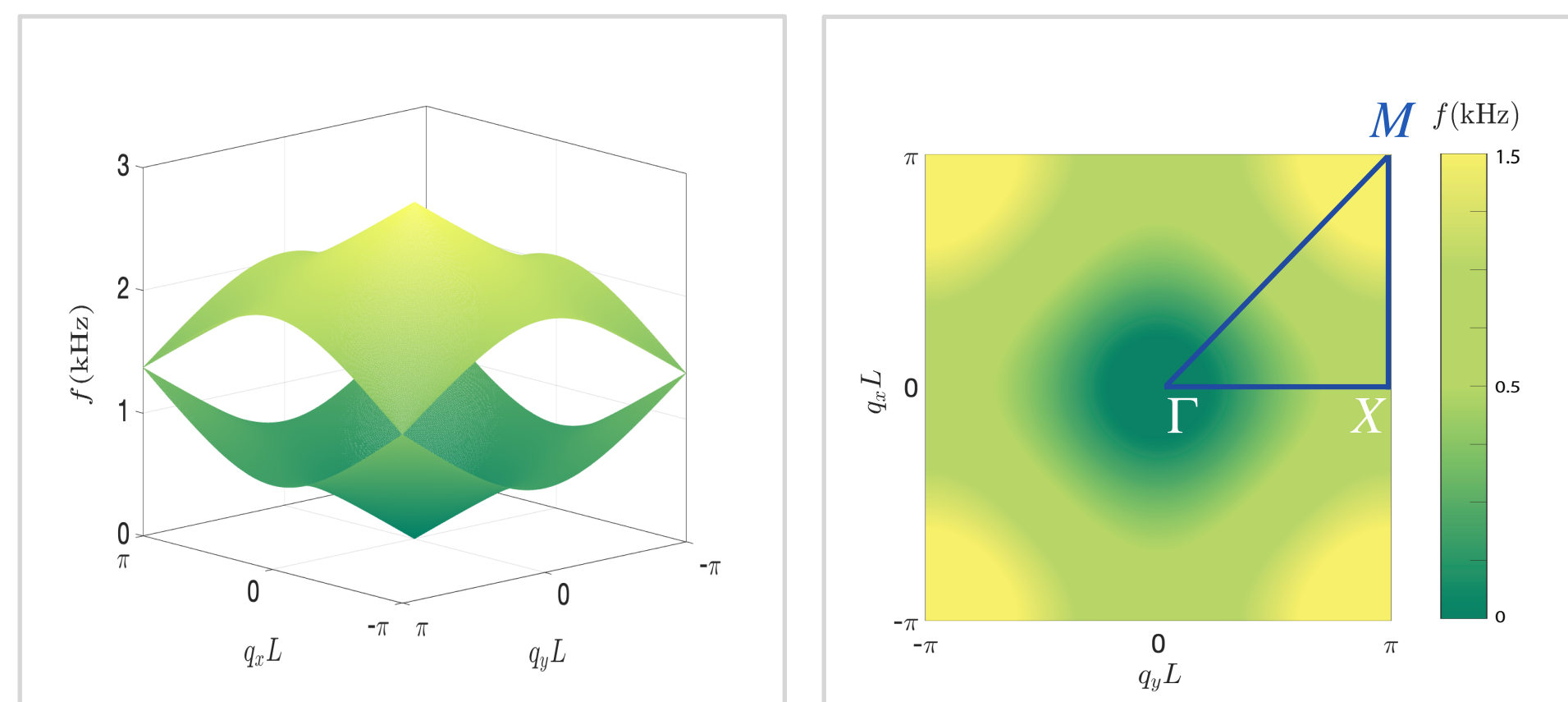


Photo taken at LAUM.

Linear self-similar solutions



Dispersion relation



Cylindrical soliton solutions

