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DI TORINO



Centro interdipartimentale SmartData@PoliTO

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Who I am & my past experiences



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2014-2017 – Bachelor in «MATHEMATICS FOR ENGINEERING»

2019 – Master thesis in SISSA



Spectral element method
Reduced basis method
Continuation method
Deflation method
Bifurcation theory



2017-2019 – Master course in «MATHEMATICAL ENGINEERING»

2019 PhD in «Pure and Applied Math»



Research field & methodology

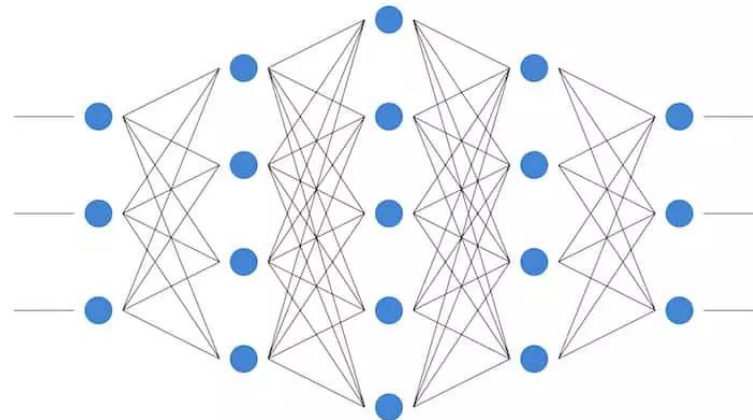


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Explore the Physics Informed Neural Networks (PINNs) pairing them with the numerical simulations (FEM and VEM) to solve PDEs in fractured porous media

Reduced order modeling (ROM)



Uncertainty quantification (UQ)

Beside researching: hobbies & passions



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Parish animator



Memory techniques



Mountain



Soft cinema and
manga



HitBall