



Oana Marin

***Assistant Applied Mathematics
Specialist***

Argonne National Laboratory

[oanam@anl.gov](mailto: oanam@anl.gov)

<https://www.mcs.anl.gov/~oanam/>

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Large scale PDE-constrained optimization"

Objectives

- Accelerate inverse problems by developing large scale algorithms
- Advance the spectral element method from most scalable to most suitable for any simulation

Impact

- Penetrate more and more the mystery of turbulence

Accomplishments

- Developed error estimators for computations vs data post-processing
- Acceleration of nonlinear adjoint computations for CFD

