Mindluster Platform

About the course Julia SciML Symposium

A modeling framework for automatically parallelized scientific machine learning (SciML) in Julia. A computer algebra system for integrated symbolics .

Programming Category's Courses

Course Lesson(9)

Lesson 1 :
The Julia SciML Ecosystem Scientific Machine Learning as a Software Problem Chris Rackauckas

Lesson 2 : **Modeling Spacecraft Separation Dynamics in Julia Jonathan Diegelman**

Lesson 3 : **Differentiable Programming for Quantum Control with SciML Frank SchÃ¤fer**

Lesson 4 :
Accelerating Scientific Machine Learning with Automatic Differentiable Surrogates Ludovico Bessi

Lesson 5 :
Automated Solution of Symbolic Partial Differential Equations via Physics Informed Neural Networks

Lesson 6 : **Modeling Biochemical Systems with Catalyst jl Samuel Isaacson**

Lesson 7 :
Automatic Numerical Bifurcation Analysis with Applications to Neurosciences with BifurcationKit

Lesson 8 : **Mixed Feedbacks and Noise How Bacteria Modulate their Stress Response Torkel Loman**

Lesson 9 : **Simplifying Delays in Systems Biology | Julia SciML | SIAM CSE 2021 | Niklas Korsbo**

Related courses

React Projects Workshops

Node js back end JavaScript

Python programming language

Social Network Theme UI With Sass

Full Stack React Django

Build a Node js App With Sequelize

for Business Contact
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