



IF184981 Special Topic

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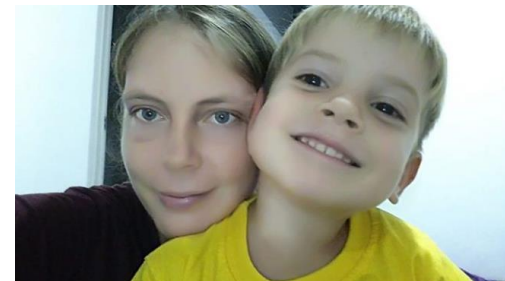
Special Topic: Introduction

- Selamat pagi!
- Sugeng enjing!
- Good morning!
- 早上好！
- Доброе утро!



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Elena Kalashnikova, **Irfan** Subakti, **Yaroslav** Sharipov (**Yarik**) & **Danaya** Kalashnikova (**Naya**)

Welcome to the first lecture of **Special Topic: Stochastic Algorithms!**



Special Topic: Stochastic Algorithms

- Stochastic Algorithms for Intelligent Systems, as part of Artificial Intelligence – AI)
 - Knowledge-Based Systems
 - Genetic Algorithm (GA)
 - Fuzzy Systems
 - Simulated Annealing (SA)
 - Genetic Simulated Annealing (GSA)
 - Ripple Down Rules
 - Variable-Centered Intelligent Rule System (VCIRS)
 - Particle Swarm Optimisation (PSO)
 - Tabu Search
 - Ant Colony Optimisation
 - Artificial Immune System
 - Differential Evolution
 - Fuzzy Computing for Data Mining
 - Natural Language Processing
 - Etc.