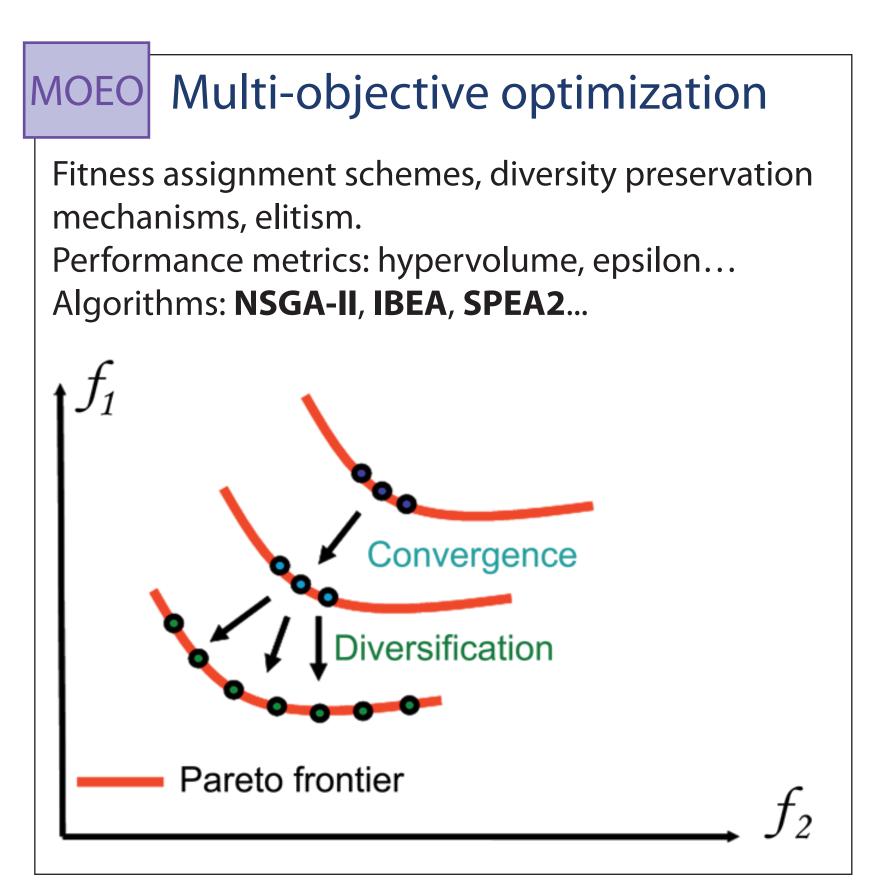


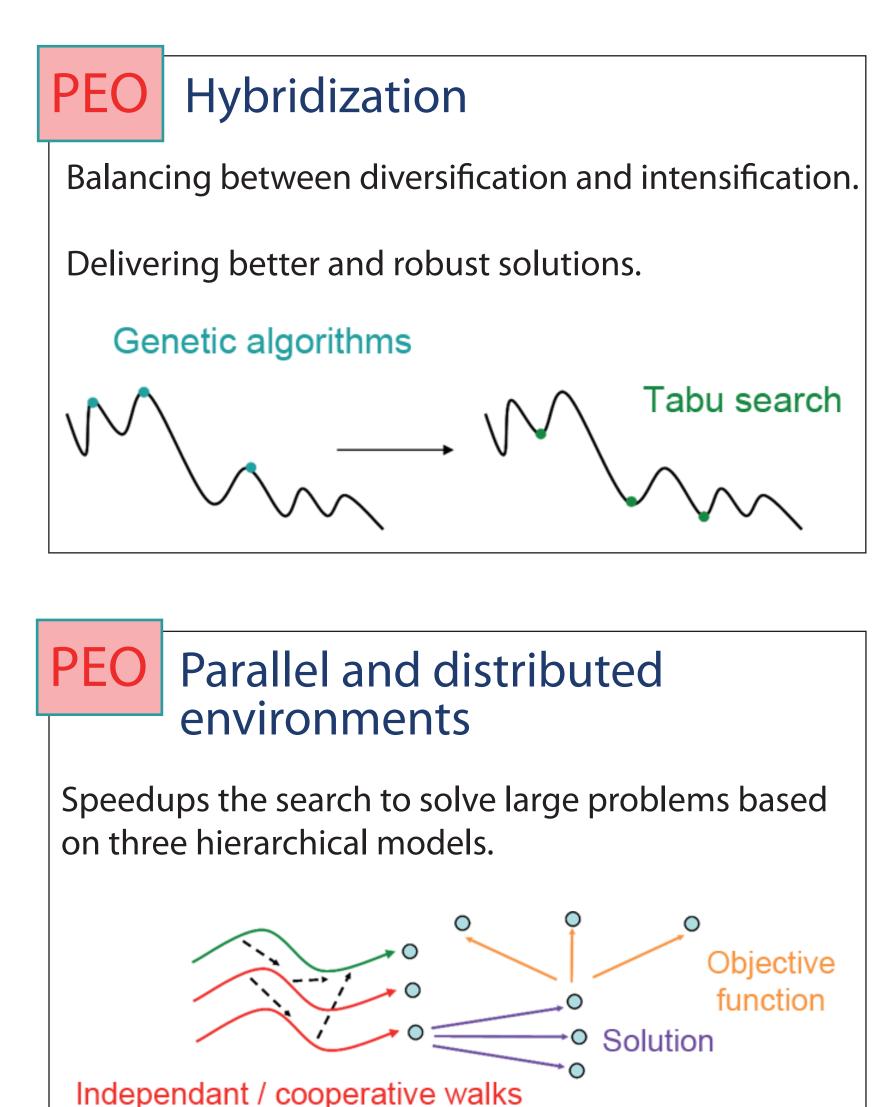
An Open Source Framework for Metaheuristics, Hybrid and Parallel Metaheuristics http://paradiseo.gforge.inria.fr

Single solution based MO metaheuristics Hill climbing, simulated annealing, tabu search, iterated local search, VNS, TA... Neighborhood Local optima Replacement EO Population based metaheuristics Evolutionary algorithms, particle swarm optimization, differential evolution algorithms, EDA... Replacement **Parents** Recombination

Offsprings

Replacement





Many experiments lead on the modeling and the parallel resolution of real and hard problems from telecommunications, genomics, engineering design, transportation and logistics, physics and chemistry.

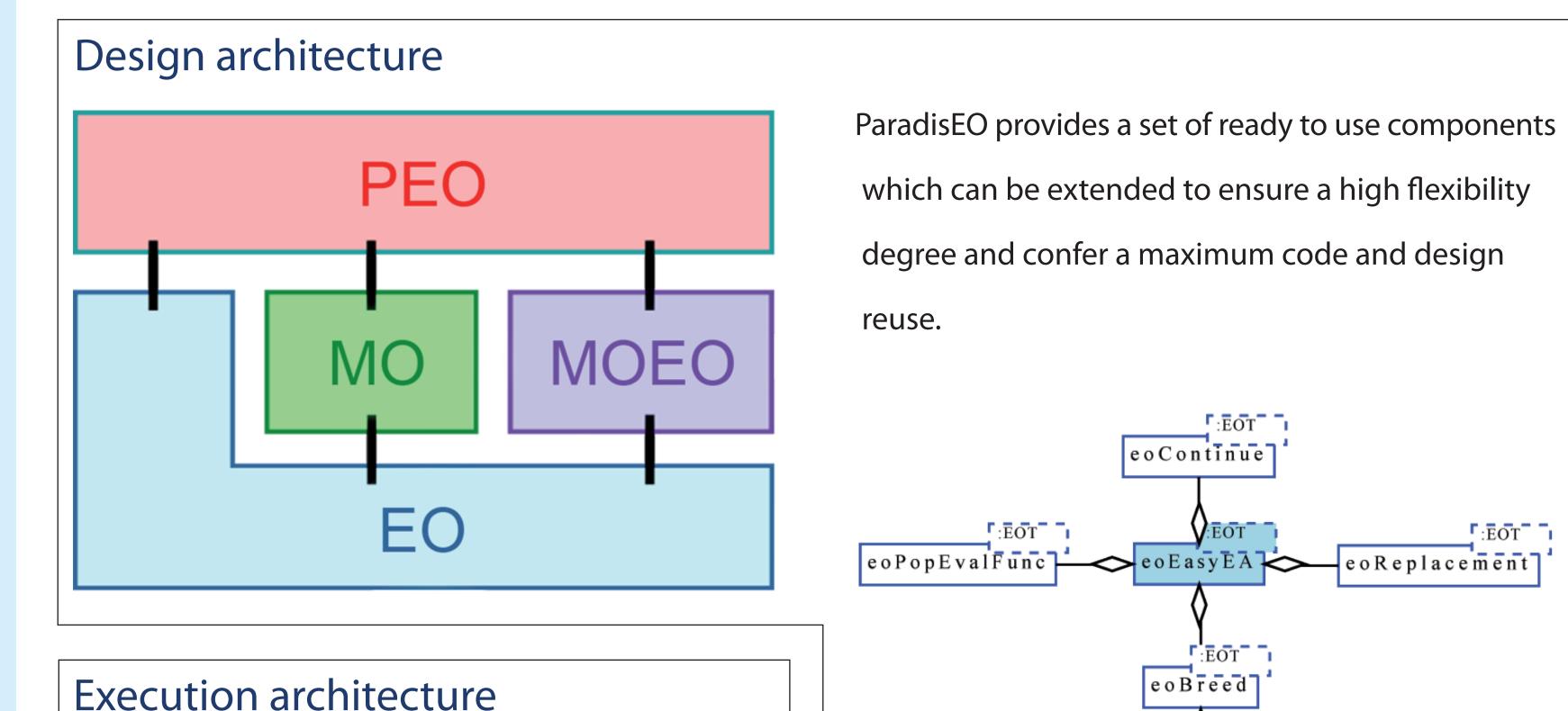
FRAMEWORK

A C++ white-box object-oriented framework dedicated to the reusable design of metaheuristics

:EOT

:EOT

eoTransform'



Support

Tutorials

More than 20 lessons to dive easily into ParadisEO.

API doc

Template tools, classes and functions are fully described.

Contact

DOLPHIN project-team – INRIA Lille-Nord Europe **Scientific leader:** Professor El-Ghazali TALBI talbi@lifl.fr







Portable on: Windows, Unix and MacOS

Grids (Globus, Condor-G / MW)

Parallel and distributed architectures (MPI)

Automatic install: Script for Unix, Windows installer





