Il DISI-Dipartimento di Informatica e Scienze dell'Informazione
Università degli studi di Genova
Organizzerà dal 25 Novembre un ciclo di tutorial dedicati a:

LINGUAGGI DI PROGRAMMAZIONE

Di regola le presentazioni avranno una durata di 2 ore con cadenza bisettimanale, ogni mercoledì dalle 14.30 alle 16.30

L'obiettivo principale è quello di favorire lo scambio di conoscenze e stimolare la curiosità e l'interesse per l'informatica

TEMATICHE DEI TUTORIAL:

- Linguaggi di programmazione nuovi
sviluppati in ambito sia industriale, sia di ricerca

- Linguaggi di programmazione non convenzionali
non facenti parte del programma del corso di studio istituzionale , che tuttavia sono importanti in alcuni domini di applicazione o presentano interessanti caratteristiche peculiari

-Aspetti specifici: nuove estensioni di un linguaggio, caratteristiche, tecnologie o tool legati a un linguaggio o a un paradigma di programmazione

Indirizzo: Sala Conferenze-3 piano
DISI-Via Dodecaneso 35-16146-Genova
(Polo scientifico di Valletta Puggia)

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25 Novembre 2009 - LINQ

LINQ is a set of extensions to the .NET Framework that encompass language-integrated query, set, and transform operations. It extends C# and Visual Basic with native language syntax for queries and provides class libraries to take advantage of these capabilities.

Speaker: Giovanni Lagorio
lagorio@disi.unige.it

2 Dicembre 2009 - ERLANG

Erlang is a language developed to let mere mortals write, test, deploy, and debug fault-tolerant concurrent software. Developed at the Swedish telecom company Ericsson in the late 1980s, it started as a platform for developing soft real-time software for managing phone switches. It has since been open sourced and portedto several common platforms,finding a natural fit not only in distributed Internet server applications, but also in graphical user interfaces and ordinary batch applications. Erlang's minimal set of concurrency primitives, together withits rich and well-used libraries, give guidance to anyone trying to design a concurrent program.

Speaker: Davide Ancona
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16 Dicembre 2009 - PYTHON

Python is a dynamic object-oriented programming language that can be used for many kinds of software development. It offers strong support for integration with other languages and tools, comes with extensive standard libraries, and can be learned in a few days. Many Python programmers report substantial productivity gains and feel the language encourages the development of higher quality, more maintainable code.

Speaker: Antonio Cuni
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13 Gennaio 2009 -NEWSPEAK

Newspeak named after the fictional language in George Orwell's novel '1984', is a language developed (very recently and still under progress) by Gilad Bracha, Peter Ahe and Vassili Bykovin. Newspeak follows the traditionof Self and Smalltalk, and is a *message-based* language, where all names are dynamically bound. As in Beta, classes may nest. Because class names are late bound, all classes are virtual, and every class can act as a mixin. Top level classes are essentially self contained parametric namespaces, and serve to define component style modulesn, which naturally define sandboxes in an object-capability style. Newspeak was deliberately designedas a principled dynamically typed language. However, the language should be extended to support pluggable types.

Speaker: Elena Zucca
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http://www.disi.unige.it/person/AnconaD/PLtutorial.html