Let’s have fun with Functional Programming

Up-to 3 persons – offered by Sumii-Matsuda-Kiselyov Laboratory

All computers, including mobile phones, game consoles and car engine systems, are controlled by programs. Functional programming is a way to write programs by composing “functions”—whose outputs are determined only by their inputs. Functional programming has the proven record of building safe and efficient programs fast. Therefore, functional programming languages are used in major companies such as Twitter, Facebook, Microsoft, famous Japanese companies such as NTT DATA, GREE, Dwango and Asahi Net, and many investment banks.

In this course, you will write your favorite programs such as games in a functional programming language Haskell and get to enjoy functional programming!

What’s Haskell?

Haskell (http://haskell.org/) is a state-of-the-art functional programming language, and a popular member of the family that also includes OCaml, F#, SML#, Scala, and Closure. Haskell has pleasant syntax and many interesting and advanced features. If you want to know more about Haskell, you can consult the following books.