Jan Kofroň: Overview of Teaching Activities

If not stated otherwise, all the information relate to Faculty of Mathematics and Physics, Charles University.

Lectures and Practicals

2003/2004

- Programming in C/C++ (practicals)

2004/2005

- Programming in C/C++ (practicals)
- System behaviour models and verification (practicals)

2005/2006

- Programming in C/C++ (practicals)
- System behaviour models and verification (practicals)

2006/2007

- Programming in C/C++ (practicals)
- System behaviour models and verification (practicals)

2007/2008

- Programming in C/C++ (practicals)
- System behaviour models and verification (practicals)
- Individual software projects (supervising)

2008/2009

- System behaviour models and verification (lectures and practicals)
- Individual software projects (supervising)

2009/2010

- Java (practicals)
- C# Language and .NET Framework (practicals)
- System behaviour models and verification (lectures and practicals)
- Individual software projects (supervising)

2010/2011

- Java (practicals)

- System behaviour models and verification (lectures and practicals)

- Individual software projects (supervising)

2011/2012

- Java (practicals)

- System behaviour models and verification (lectures and practicals)

- Individual software projects (supervising)

2012/2013

- Java (practicals)

- System behaviour models and verification (lectures and practicals)

- Individual software projects (supervising)

- Development applications for mobile devices (participating in organization)

- Advanced topics in distributed and component-based systems (organization)

2013/2014

- Java (practicals)

- System behaviour models and verification (lectures and practicals)

- Individual software projects (supervising)

- Development applications for mobile devices (participating in organization)

- Advanced topics in distributed and component-based systems (organization)

2014/2015

- Java (practicals)

- System behaviour models and verification (lectures and practicals)

- Individual software projects (supervising)

- Development applications for mobile devices (participating in organization)

- Advanced topics in distributed and component-based systems (organization)

2015/2016

- Java (practicals)

- System behaviour models and verification (lectures and practicals)

- Individual software projects (supervising)

- Development applications for mobile devices (participating in organization)

- Advanced topics in distributed and component-based systems (organization)

- Introduction to dependable systems (single lecture, organization)

2016/2017

- Java (practicals)

- System behaviour models and verification (lectures and practicals)

- Individual software projects (supervising)

- Development applications for mobile devices (participating in organization)

- Advanced topics in distributed and component-based systems (organization)

- Introduction to dependable systems (single lecture, organization)

2017/2018

- Java (practicals)

- System behaviour models and verification (lectures and practicals)

- Program semantics (lectures)

- Individual software projects (supervising)

- Development applications for mobile devices (participating in organization)

- Advanced topics in distributed and component-based systems (organization)

2018/2019

- Java (practicals)

- System behaviour models and verification (lectures and practicals)

- Program semantics (lectures)

- Individual software projects (supervising)

- Development applications for mobile devices (participating in organization)

- Advanced topics in distributed and component-based systems (organization)

2019/2020

- Java (practicals)

- System behaviour models and verification (lectures and practicals)

- Program semantics (lectures)

- Individual software projects (supervising)

- Development applications for mobile devices (participating in organization)

- Programming in Python (practicals)

Supervising of bachelor and master theses

Defended theses

- Ladislav Prošek: Solving the missing environment problem in Bandera, master thesis, 2004/2005

- Tomáš Poch: Distributed Behavior Protocol Checker, master thesis, 2005/2006

- Ondřej Dušek: BashCommander, bachelor thesis, 2006/2007

- Martin Šimonovský: Kolaborativní vektorový editor, bachelor thesis, 2006/2007

- Gabriel Zábušek: 4-kanálový mixážny pult s real-time efektamy, bachelor thesis, 2006/2007

- Lenka Novotná: Automatized Data Abstraction, master thesis, 2006/2007

- David Klika: Checking Primitive Component Behavior, master thesis, 2006/2007

- Josef Závišek: Editor elektrotechnických schémat, bachelor thesis, 2007/2008

- Martin Čech: Informační systém pro společnost na výrobu součástek do dopravní techniky, bachelor thesis, 2007/2008

- Tomáš Kafka: Webový systém pro prodej předplacených služeb, bachelor thesis, 2007/2008

- Jan Hrabal: Informační systém pro výzkumné skupiny, bachelor thesis, 2007/2008

- Michal Rada: Aplikácia na správu nehnuteľností, bachelor thesis, 2008/2009

- Petr Sobotka: Sobo Mariáš, bachelor thesis, 2008/2009

- Lukáš Krížik: Vizualizácia algoritmov, bachelor thesis, 2008/2009

- Myong Nam Han: Online class, bachelor thesis, 2009/2010

- Hak Chol Pak: Simulation of traffic infrastructure, bachelor thesis, 2009/2010

- Martin Žember: Survey of Code Review Tools, master thesis, 2010/2011

- Michal Šebesta: Wave editor bachelor thesis, 2010/2011

- Ondrej Kováč: Automobile Mirror Testing, bachelor thesis, 2011/2012

- Jakub Jelínek: Output breakpoints for Java, master thesis, 2011/2012

- Aleš Woska: M-lizer, bachelor thesis, 2011/2012

- Jan Jílek: COSIM - Simulace povlakování, master thesis, 2011/2012

- Jakub Daniel: Analysis of Interface Automata with On-Demand Replication, master thesis, 2012/2013

- Jan Šebetovský: Support for C++ in GMC, master thesis, 2012/2013

- Jakub Zíka: Distribuovaný systém správy objednávek pro restaurační zařízení, bachelor thesis, 2013/2014

- Ondřej Papík: Generátor karetních her, bachelor thesis, 2013/2014

- Michal Hanzeli: KarlFTP: FTP klient pre mobilné zariadenia so systémom Android, bachelor thesis, 2013/2014

- Marek Beňovič: Podpora fraktúr pre jbox2d engine, bachelor thesis, 2014/2015

- Anikó Kuklisová: Výuková aplikace pro malé děti, bachelor thesis, 2014/2015

- David Škorvaga: Analysis of a File System Using the Verifying C Compiler, master thesis, 2014/2015

- Martin Blicha: Methods for reduction of Craig's interpolant size using partial variable assignment, master thesis, 2015/2016

- Gábor Sándor: Rozvrhová aplikace pro Android, bachelor thesis, 2015/2016

- Ondřej Kunc: Multiplatformní mobilní aplikace databázového systému Matylda, master thesis, 2015/2016

- Michal Hanzeli: Anzora: Zotero klient pro Android, master thesis, 2016/2017

- Robert Husák: Ověřování ascercí kódu pomocí zpětné symbolické exekuce, master thesis, 2016/2017

- Lukáš Kolek: Analýza letových dat, bachelor thesis, 2017/2018

- Martin Mareš: Mobilní aplikace pro jídelny, bachelor thesis, 2017/2018

Theses in progress

- Beňovič Marek: Force alignment pomocí neuronových sítí, master thesis

- Nik Harmanec: Interaktivní hra na platformu Android, bachelor thesis

- Slávka Ivaničová: Mobilná aplikácia na sledovanie pohybu vtákov, master thesis

- Jaroslav Brabec, Employing runtime data in static analysis, bachelor thesis

- Oskar Razyapov, Detekce a rozpoznání obličeje, bachelor thesis

- Sebastián Hricko, Výuka programovania, bachelor thesis

Supervising doctoral students

- Pavel Jančík (internal, successully defended in 2017)

- Martin Blicha (internal, started in 2016)

- Jan Kundrát (external, started in 2013)

Supervising Software projects (course NPRG023)

- mbSYNC, defended 2009

- WeVerca, defended 2014

Committee membership

- Committee for final state exams in Master study programs

- Committee for final state exams in Bachelor study programs

- Committee for doctoral study branch Software systems

- Committee for defences of doctoral theses (computer-science branches)

- "Státní rigorózní komise oboru Softwarové systémy"