Cooperation with Ukrainian Universities

Joint Certificate Programs & Erasmus+

Alexander Wolff
Institute of Computer Science
University of Würzburg
Our Network

University of Würzburg
Our Network

University of Würzburg

Lviv Polytechnic National Univ. (LPNU)
Our Network

University of Würzburg

Ivan Franko National Univ. of Lviv (IFNUL)

Lviv Polytechnic National Univ. (LPNU)
Our Network

Ukrainian Catholic Univ. (UCU)

Ivan Franko National Univ. of Lviv (IFNUL)

University of Würzburg

Lviv Polytechnic National Univ. (LPNU)
Our Network

- Ukrainian Catholic Univ. (UCU)
- Ivan Franko National Univ. of Lviv (IFNUL)
- University of Würzburg
- Taras Shevchenko National Univ. of Kyiv (TSNUUK)
- Lviv Polytechnic National Univ. (LPNU)
Our Network

Ukrainian Catholic Univ. (UCU)

University of Würzburg

Ivan Franko National Univ. of Lviv (IFNUL)

Taras Shevchenko National Univ. of Kyiv (TSNUUK)

Lviv Polytechnic National Univ. (LPNU)

Odesa I. I. Mechnikov National Univ. (ONU)
Our Network

University of Würzburg

IFNUL

TSNUK

LPNU

OMNU
Our Network

University of Würzburg

- IFNUL
  - Prof. Wolff (Comp. Science)

- LPNU
  - Prof. Montenegro (Comp. Science)

- UCU
  - University of Würzburg

- TSNUK
  - Prof. Dashkovskiy (Mathematics)

- OMNU
Our Network

University of Würzburg

Joint Certificate Program 2019–?

Prof. Wolff (Comp. Science)

Prof. Montenegro (Comp. Science)

Prof. Dashkovskiy (Mathematics)

IFNUL

UCU

TSNUK

LPNU

OMNU

Block courses for master students
Our Network

University of Würzburg

Joint Certificate Program 2019–?

NEW Erasmus+

JCP 2014–? JCP 2014–17

IFNUL

TSNUK

LPNU

OMNU

Block courses for master students

Joint Certificate Program 2019–?
Our Network

University of Würzburg

Joint Certificate Program 2019–?

Erasmus+
66 855 € for 2 years
– 7 student mobilities
– training mobility
– teaching mobility

NEW

Block courses for master students

IFNUL

LPNU

Ukrainian Catholic University

TSNUK

Joint Certificate Program 2014–17

OMNU

JCP 2014–17

JCP 2014–?
Our Joint Certificate Programs in 2015/16

Ivan Franko  
Nat. Univ. Lviv

Julius Maximilian  
Univ. of Würzburg
Our Joint Certificate Programs in 2015/16

- Ivan Franko Nat. Univ. Lviv
- Julius Maximilian Univ. of Würzburg
- Lviv Polytechnic Nat. Univ.
Our Joint Certificate Programs in 2015/16

Ivan Franko Nat. Univ. Lviv

“Computational Geometry”
Prof. Taras Banakh (fall sem.)

“Data Struct. & Alg. in Python”
(spring semester)

“Computational Linguistics”
Prof. Kushnir (spring semester)

Julius Maximilian Univ. of Würzburg

Lviv Polytechnic Nat. Univ.
Our Joint Certificate Programs in 2015/16

<table>
<thead>
<tr>
<th>Ivan Franko Nat. Univ. Lviv</th>
<th>Julius Maximilian Univ. of Würzburg</th>
<th>Lviv Polytechnic Nat. Univ.</th>
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<tbody>
<tr>
<td>“Computational Geometry”</td>
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<td>“Advanced signal &amp; image processing”</td>
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<td>“Intellectual data analysis”</td>
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<td>Prof. Kushnir (spring semester)</td>
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<td>Prof. Shakhovska</td>
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Our Joint Certificate Programs in 2015/16

Lviv Polytechnic Nat. Univ.

“Algorithmic Graph Theory”
Prof. Alexander Wolff (Nov 2–6)

“Data Struct. & Alg. in Python”
(spring semester)

Lecture “Computational Complexity”
Prof. em. Klaus Wagner (spring term)

“Computational Linguistics”
Prof. Kushnir (spring semester)

Julius Maximilian Univ. of Würzburg

“Advanced signal & image processing”
Prof. Peleshko

“Intellectual data analysis”
Prof. Shakhovska

Ivan Franko Nat. Univ. Lviv

“Computational Geometry”
Prof. Taras Banakh (fall sem.)

“3D Point Cloud Processing”
Dorit Borrmann (spring term)
Our Joint Certificate Programs in 2015/16

Lviv Polytechnic Nat. Univ.

“Algorithmic Graph Theory”
Prof. Alexander Wolff (Nov 2–6)

“Computational Geometry”
Prof. Taras Banakh (fall sem.)

“Implicit data analysis”
Prof. Shakhovska

“Advanced signal & image processing”
Prof. Peleshko

German I & II

Julus Maximilian Univ. of Würzburg

“Data Struct. & Alg. in Python”
(spring semester)

Lecture “Computational Complexity”
Prof. em. Klaus Wagner (spring term)

“3D Point Cloud Processing”
Dorit Borrmann (spring term)

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Dorit Borrmann (spring term)

German I & II

Ivan Franko Nat. Univ. Lviv

“Computational Linguistics”
Prof. Kushnir (spring semester)

German I & II
Challenges

• How to staff the Joint Certificate Programs?
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• How to attract enough good students?
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• How to distribute mobilities between partner universities?
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Rewards
Challenges

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Rewards

• PhD students from Ukraine

Myroslav Kryven (DAAD)  Oksana Firman (DAAD)  Kateryna Sapozhnikova (Ernst Abbe Foundation)  Anastasiia Karas (Univ. position)
Challenges

- How to staff the Joint Certificate Programs?
- How to attract enough good students?
- How to distribute mobilities between partner universities?
- How to intensify joint research?
- How to build up a sustainable cooperation?

Rewards

- PhD students from Ukraine
  - Myroslav Kryven (DAAD)
  - Oksana Firman (DAAD)
  - Kateryna Sapozhnikova (Ernst Abbe Foundation)
  - Anastasiia Karas (Univ. position)
- Teaching in a different setting: intensive block course, enthusiastic students,...