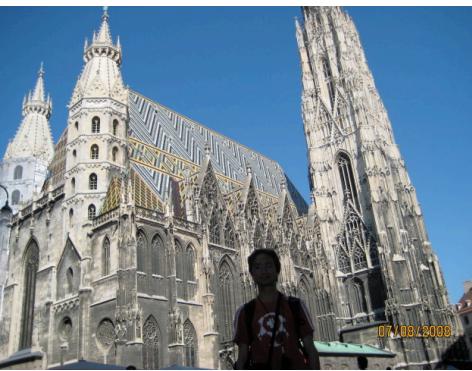


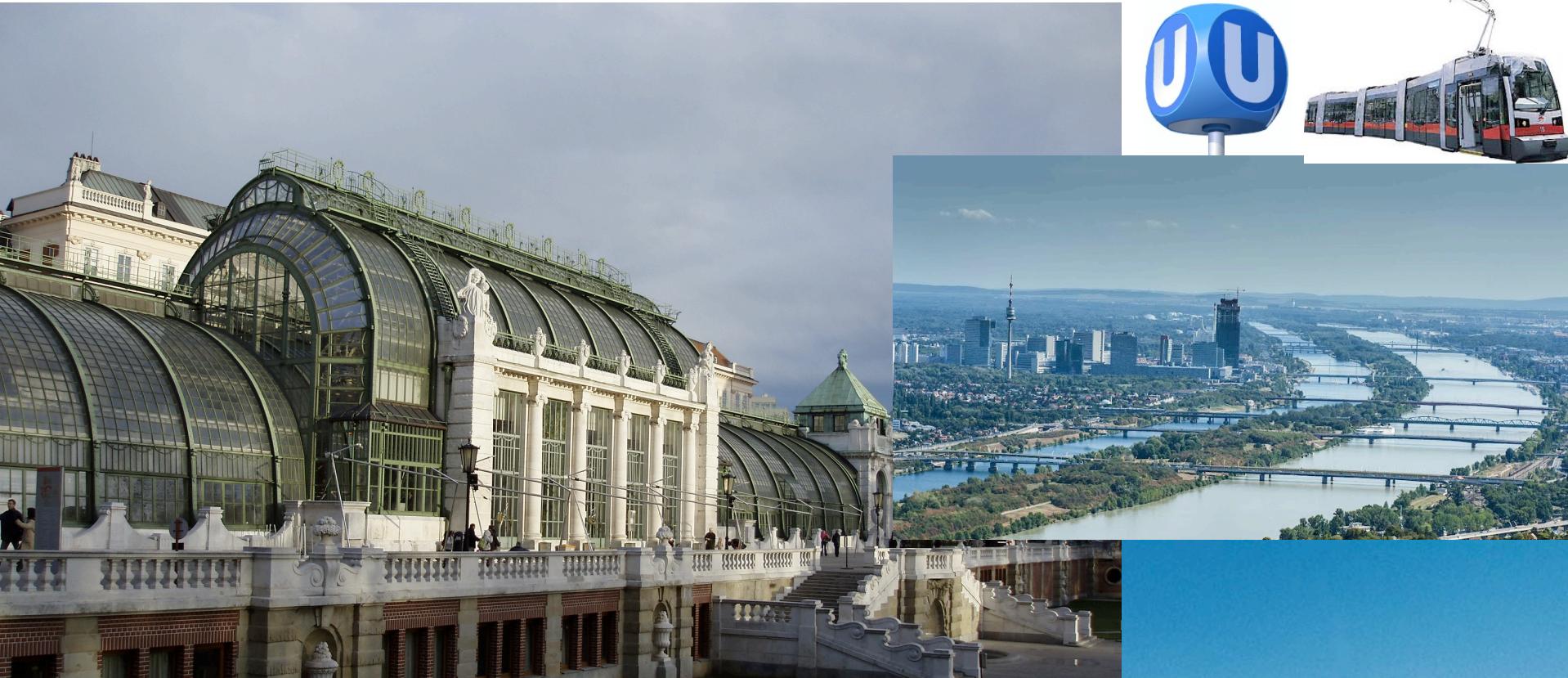


Double diplôme en Informatique

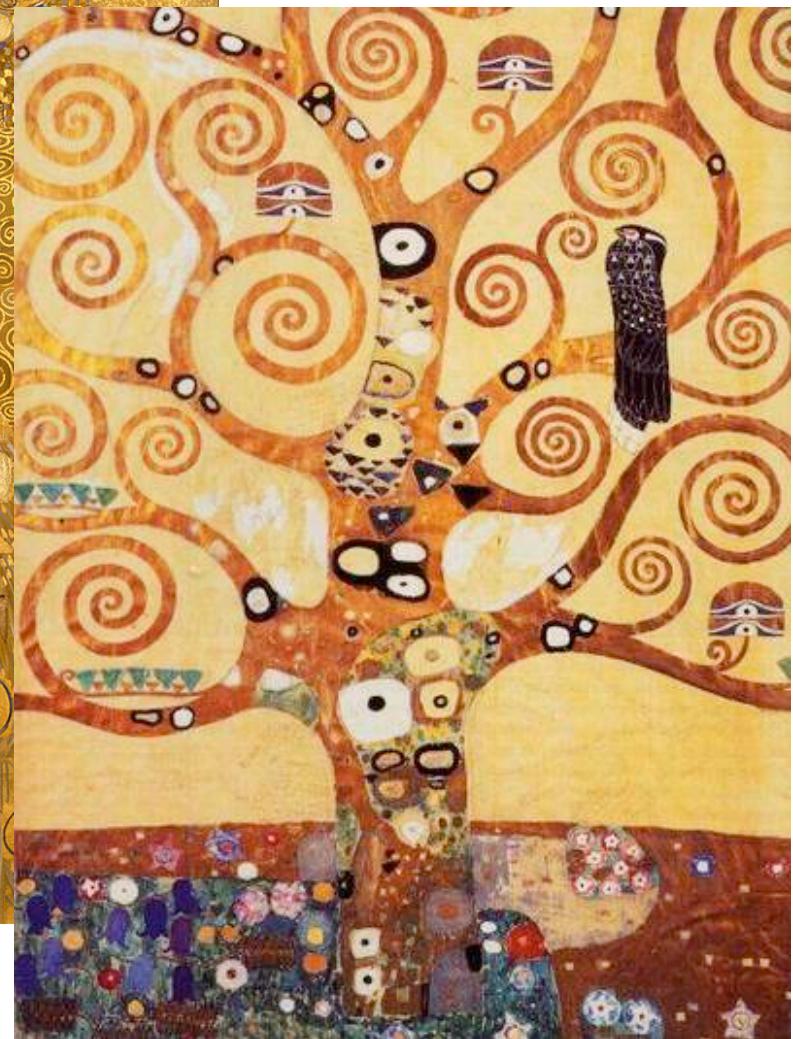
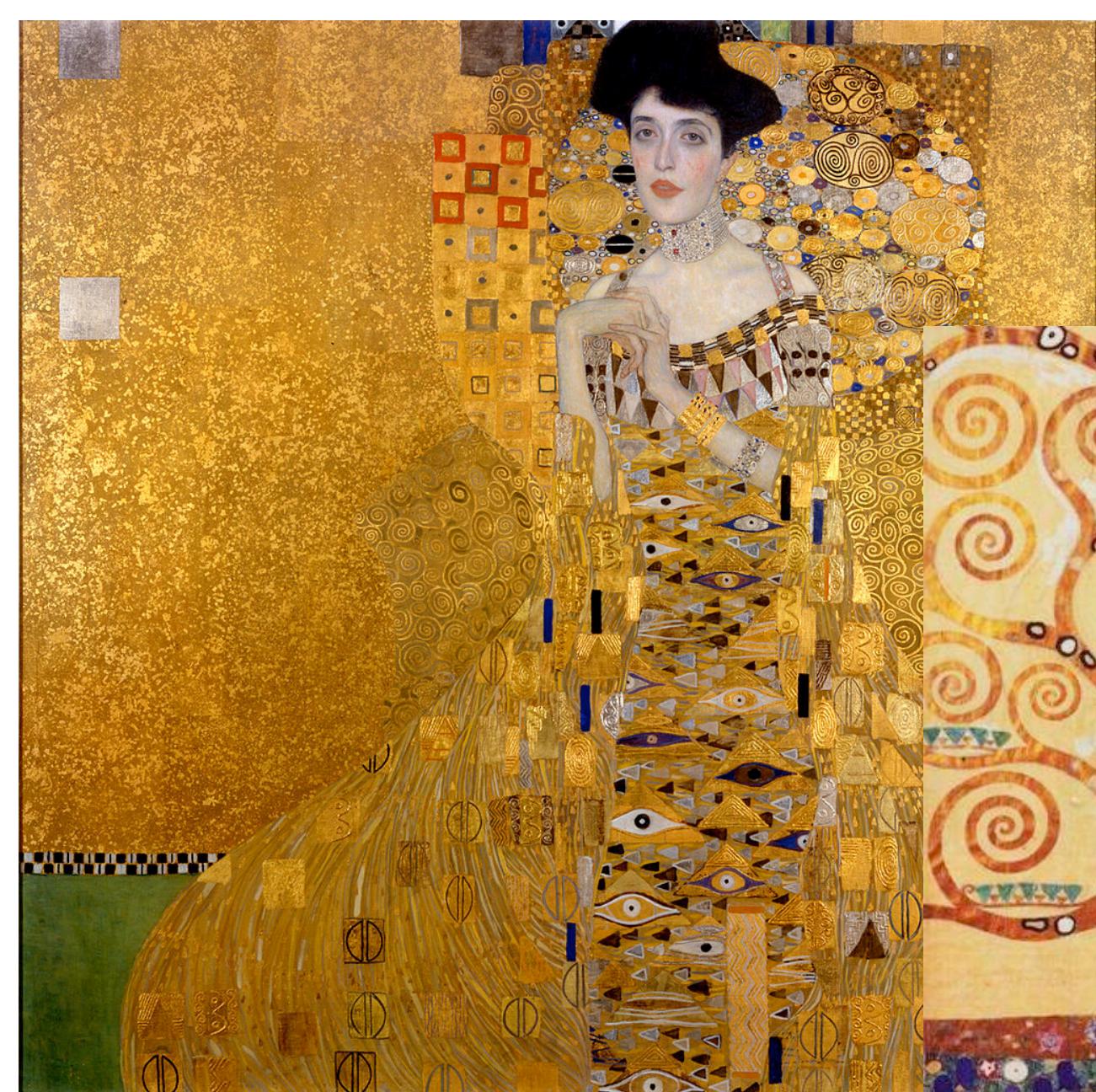
INSA-Lyon / TU Wien















Beispiel

Neujahrskonzert









Melk



Salzburg



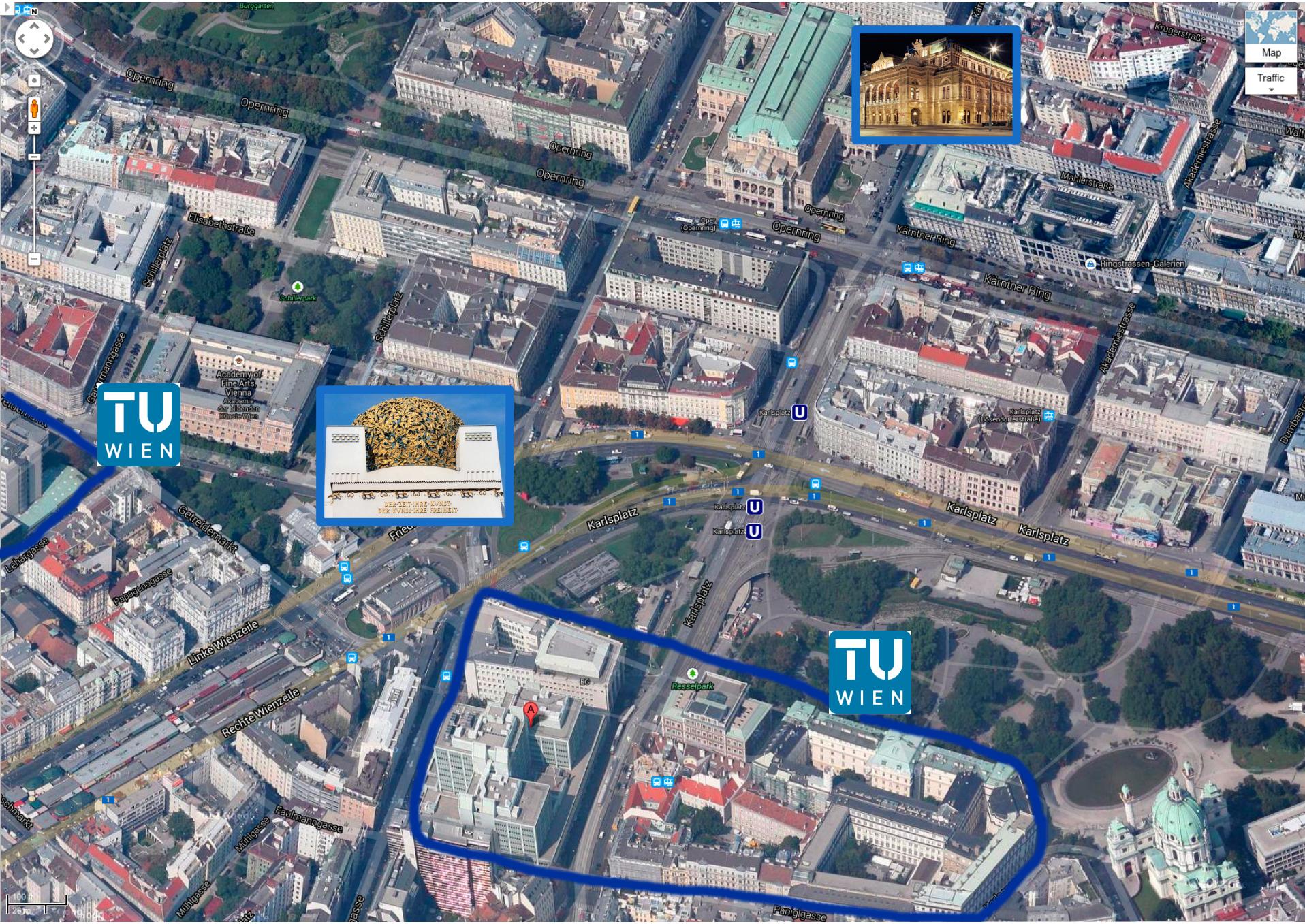


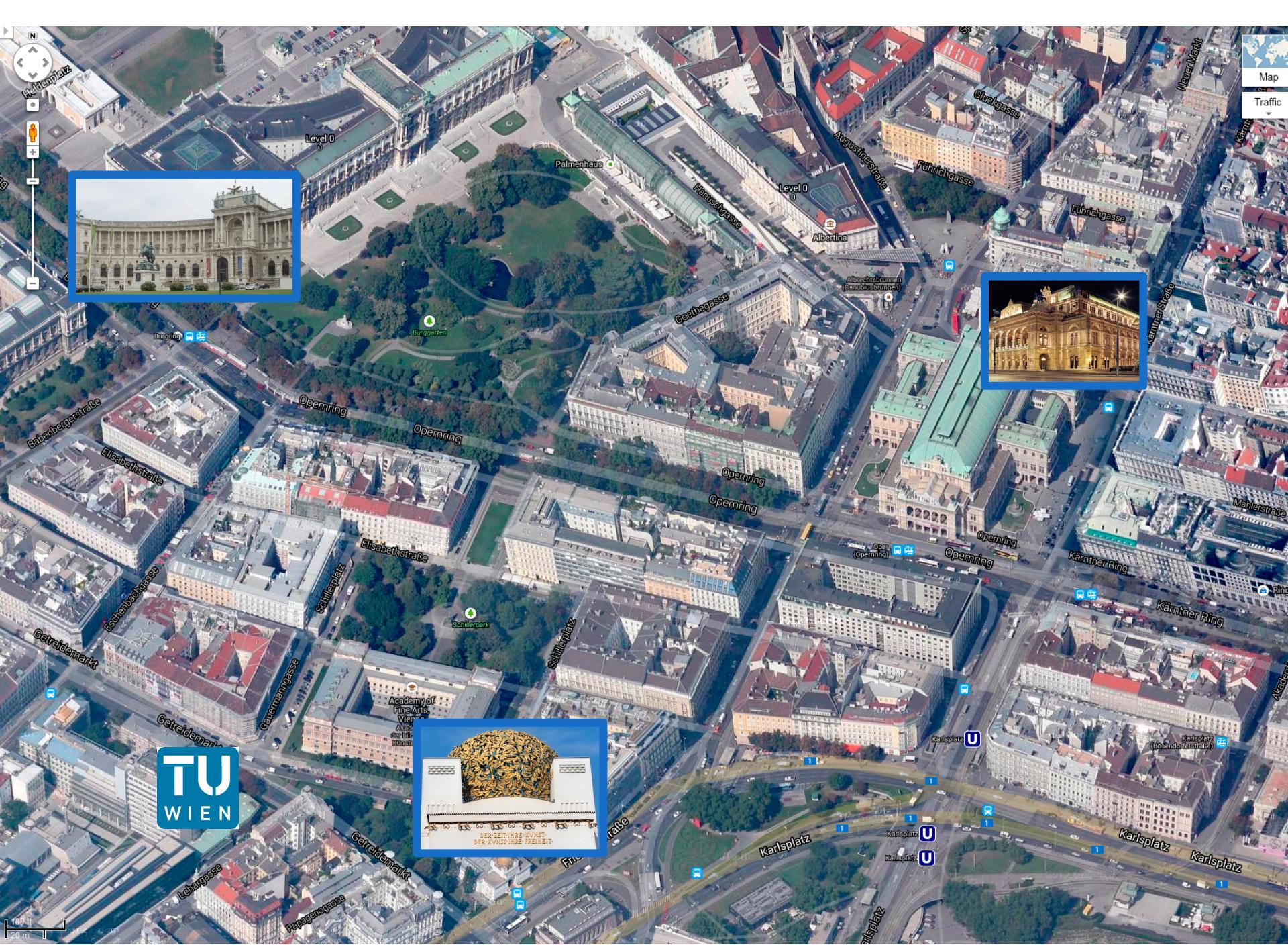
Depuis 1815
25 000 étudiants en 2013



Vienna University of Technology









Début des études à
Lyon (4 ans)



Fin des études à
Vienne (2 ans)
PFE conjoint, à
Vienne



An.	Durée	Etudiants de l'INSA de Lyon
1	4	INSA pr. cycle 1
2		INSA pr. cycle 2
3		INSA Département Informatique (3IF) Stage industriel à la fin de l'année.
4		INSA Département Informatique (4IF)
5	2	Inscription aux études de Master à la TU Wien (Ils s'agit d'un cycle durant deux années à Vienne). Choix d'une des options disponibles.
6		Réalisation d'un projet de fin d'études Autrichien (« Diplomarbeit ») à Vienne. Deux encadrants seront affectés (à la TU Wien et à l'INSA).

Séjour à Lyon

Séjour à Vienne

L'informatique à Vienne

Bachelorstudium (Bac+3)

Medieninformatik und Visual Computing

Medizinische Informatik

Software & Information Engineering

Technische Informatik

Bachelorstudium (Bac+3)

Wirtschaftsinformatik

Masterstudium (Bac+5)

Computational Intelligence

Medieninformatik

Medizinische Informatik

Software Engineering & Internet

Computing

Technische Informatik

Visual Computing

Masterstudium (Bac+5)

Business Informatics

Algorithms and Complexity

*Algorithmics (6.0 Ects)

Algorithms and Complexity (min. 9.0 Ects)

Knowledge Representation and Artificial Intelligence

*Knowledge-based Systems (6.0 Ects)

Knowledge Representation and Artificial Intelligence (min. 9.0 Ects)

Programming Languages and Verification

*Formal Methods in Computer Science (6.0 Ects)

Programming Languages and Verification (min. 9.0 Ects)

Logic, Mathematics, and Theoretical Computer Science

*Discrete Mathematics (9.0 Ects)

*Logic and Computability (6.0 Ects)

Logic, Mathematics, and Theoretical Computer Science (min. 9.0 Ects)

Fachübergreifende Qualifikationen und freie Wahl

Fachübergreifende Qualifikationen (4.5 Ects)

Freie Wahl (max. 4.5 Ects)

Exemple :
*Computational
Intelligence*

Mathematics and Theoretical Computer Science

Discrete Mathematics (9 Ects)

Formal Methods in Computer Science (6.0 Ects)

Wahlmodul Mathematics and Theoretical Computer Science

Algorithms and Programming

Advanced Programming (10.5 Ects)

Wahlmodul Algorithms and Programming

Systems Engineering

Embedded Systems Engineering (6 Ects)

Wahlmodul Embedded Systems Engineering (≥ 6 Ects)

Designing Technosocial Systems (6 Ects)

Dependable Distributed Real-Time Systems

Verteilte Algorithmen (6 Ects)

Wahlmodul Dependable Distributed Real-Time Systems

Digital Circuits and Systems

HW/SW Codesign (6 Ects)

Wahlmodul Digital Circuits and Systems

Digital Signal Processing and Communication

Stochastische Signalverarbeitung (4.5 Ects)

Wahlmodul Digital Signal Processing and Communication

Exemple : Technische Informatik

Formal Verification and Analysis

Computer-Aided Verification (6 Ects)

Wahlmodul Formal Verification and Analysis

Verbreiterung/Vertiefung

Wahlmodul Automation

Wahlmodul Verbreiterung

Fachübergreifende Qualifikationen und freie Wahl

Fachübergreifende Qualifikationen (4.5 Ects)

Freie Wahl (max. 4.5 Ects)

Diplomarbeit

2005 rank	2004 rank	2005 rank Europe	Institution	Country	Peer score	Citations per paper
1	2		Massachusetts Institute Technol	US	100	6
2	1		University of California, Berkeley	US	98.7	6.3
3	4		Indian Institutes of Technology	India	86.4	-
4	3		Stanford University	US	84.9	6.8
5	5	1	Imperial College London	UK	81.3	4.1
6	8	2	Cambridge University	UK	79.4	5.1
7	6		California Institute of Technology	US	78	7.1
8	7		Tokyo University	Japan	76.8	-
9	9		National University of Singapore	Singapore	74.1	-
10	10		Beijing University	China	68.5	-
11	11		Tokyo Institute of Technology	Japan	67.2	-
12	16	3	ETH Zurich	Switzerland	67.1	6.6
13	12	4	Oxford University	UK	66	5.7
14	14		Carnegie Mellon University	US	65.8	4.9
15	24	5	Delft University of Technology	Netherlands	65.6	-
16	26		New South Wales University	Australia	60.4	-
17	15		Tsing Hua University	China	60.1	-
18	22		Melbourne University	Australia	59.9	4.5
19	23		Kyoto University	Japan	59.5	-
20	17		Georgia Institute of Technology	US	58.7	3.8
21	13		Harvard University	US	58.3	7.6
22	19	6	Ecole Polytechnique	France	58.1	4.2
23	20		Hong Kong University Sci & Technol	Hong Kong	57.6	3.2
24	18		Monash University	Australia	57	-
25	29		Technion Israel Inst of Technol	Israel	56.4	-
26	33		Nanyang Technological University	Singapore	56.2	-
27	21		Illinois University	US	54	4.9
28	38	7	Aachen RWTH	Germany	53.6	3.1
29	31		Australian National University	Australia	53.5	-
30	27		University of Texas at Austin	US	53.4	4
31	40		University of Toronto	Canada	52.4	4.1
32	44	8	Vienna University of Technology	Austria	52.1	3.1
33	46	9	Technical University Munich	Germany	51.9	3.7
34	30		Cornell University	US	51.5	6
35	25		Purdue University	US	51.2	4.2
36	36		University of California, Los Angeles	US	50.6	5.5
36	41	10	Ecole Poly Fédérale de Lausanne	Switzerland	50.6	5.2

38	34		Princeton University	US	49.8	7
39	-	11	Catholic University Leuven (French)	Belgium	49.6	4.2
40	47		Queensland University	Australia	48.3	3.2
41	45	12	Manchester University & Umist	UK	47.2	3.6
42	37		Korea Adv Inst of Sci & Technol	South Korea	46.5	-
42	55		McGill University	Canada	46.5	4.1
44	28		Massachusetts University	US	46.2	4.7
44	63	13	Lomonosov Moscow State University	Russia	46.2	-
44	39	14	Technical University of Berlin	Germany	46.2	-
47	52		University of British Columbia	Canada	45.7	-
48	48		Sydney University	Australia	45.1	4.1
49	57		Auckland University	New Zealand	44.7	-
50	42		China University of Sci & Technol	China	44.4	-
51	59		Waterloo University	Canada	44.3	-
52	49	15	Helsinki University of Technology	Finland	44	-
53	43		Osaka University	Japan	43.2	-
54	64	16	Karlsruhe University	Germany	42.6	-
55	35		University of Michigan	US	42.5	4.9
56	66	17	Politecnico di Milano Technical Univ	Italy	42.1	-
57	72		National Taiwan University	Taiwan	41.8	-
58	71	20	Royal Institute of Technology	Sweden	41.7	3.9
59	51	21	Chalmers University of Technology	Sweden	41.5	-
60	60	22	Technical University, Denmark	Denmark	41	5
61	53		University of California, San Diego	US	40.9	5.3
62	58		Yale University	US	40.5	8.2
63	75	23	Twente University	Netherlands	39.5	-
64	56		Wisconsin University	US	39.2	4.2
65	67		Seoul National University	South Korea	38.9	-
65	78		Shanghai Jiao Tong University	China	38.9	-

2005 rank	2004 rank	2005 rank Europe	Institution	Country	Peer score	Citations per paper
67	50		Texas A&M University	US	38.8	3.6
67	-		Queensland University of Technol	Australia	38.8	-
69	-		Indian Institutes of Management	India	38.5	-
70	93		University of Technology, Sydney	Australia	38	-
71	79	24	Edinburgh University	UK	37.8	3.2
72	70		Virginia Polytechnic Institute	US	37.1	-
73	73		Boston University	US	37	6.2
74	68	25	Eindhoven University of Technology	Netherlands	36.9	3.6
74	69	26	Stuttgart University	Germany	36.9	-
76	95		Chinese University Hong Kong	Hong Kong	36.7	-
77	90	27	Paris VI, Pierre et Marie Curie	France	36	4.8
78	61	28	Glasgow University	UK	35.9	-
79	54		Adelaide University	Australia	35.3	-
80	-		Hong Kong University	Hong Kong	35	-
81	62		Penn State University	US	34.8	4.3
81	76		Johns Hopkins University	US	34.8	5.1
81	79		Tohoku University	Japan	34.8	-
84	73	29	Ecole Normale Supérieure, Paris	France	34.7	5.4
85	83		Fudan University	China	34.4	-
86	82	30	Bologna University	Italy	34.1	3.4
86	98	31	TH Darmstadt	Germany	34.1	-
88	-	32	Catholic University Leuven (Flemish)	Belgium	34	-
89	88		Rensselaer Polytech Institute	US	33.8	4.5
90	-		City University Hong Kong	Hong Kong	33.5	-
90	100		RMIT University	Australia	33.5	-
92	87		Columbia University	US	33.4	5.2
93	85	33	Norwegian University Sci & Technol	Norway	33.1	3.4
93	77	34	Montpellier I University	France	33.1	-
95	86		Pennsylvania University	US	32.5	5.6
96	-		Curtin University of Technology	Australia	32.4	-
97	91	35	Trinity College, Dublin	Ireland	32.2	-
98	-	36	Ghent University	Belgium	32.1	4.5
99	65	37	St Petersburg State University	Russia	31.7	-
100	-		Chulalongkorn University	Thailand	31.4	-
100	-		Nagoya University	Japan	31.4	-

SQ Ranking « Engineering »

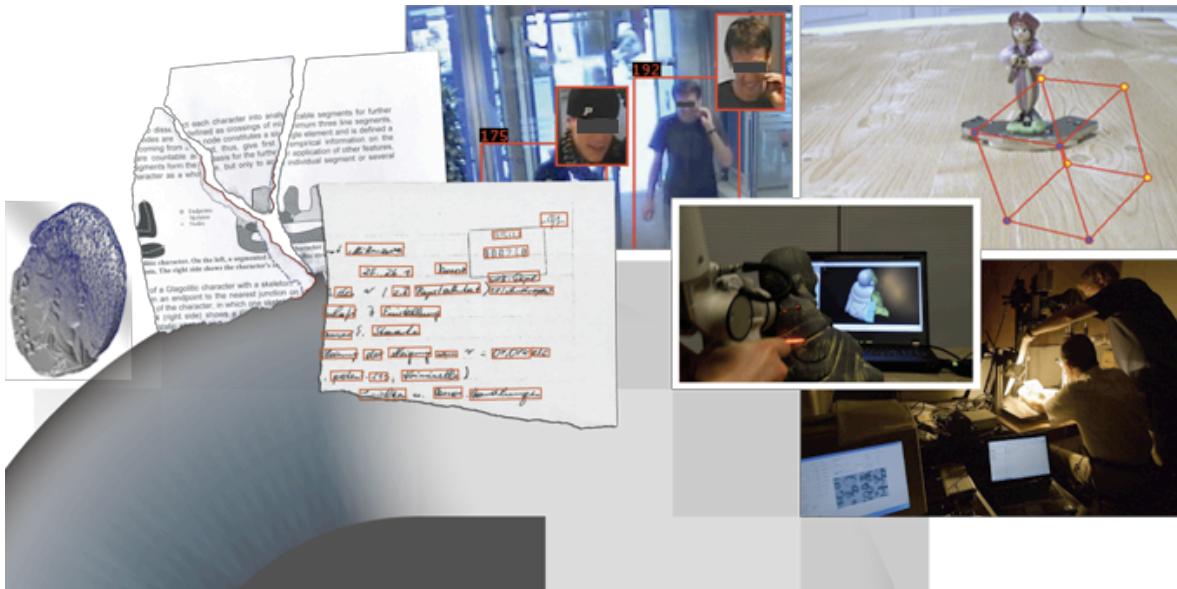
TU Wien : 91^{ième}

INSA-Lyon : 132^{ième}



Laboratoires de recherche (« Institute »)

Computer vision



Computer graphics



Automatique, systèmes embarqués

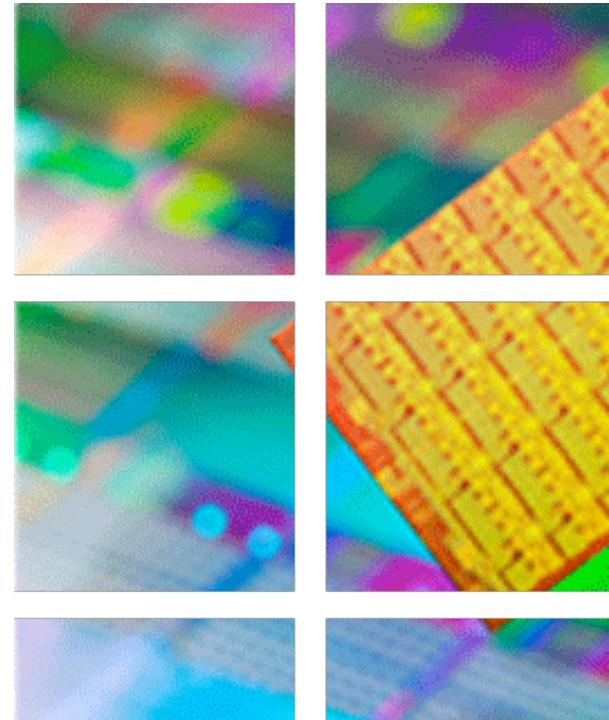
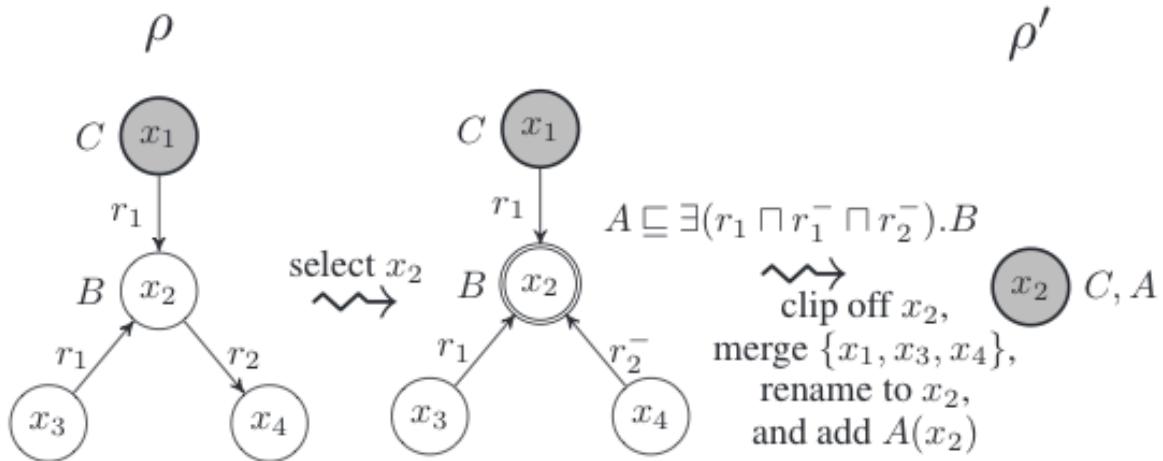


Systèmes distribués



Systèmes parallèles

Bases de données, intell. artificielle



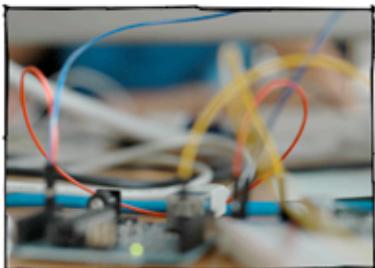
Interactive media systems



Information & software
engineering



Human-Computer interaction





Conditions et candidature

- Bonne connaissance de l'allemand et du français (sauf : « *Business computer science* » : dispensé en Anglais).
- Validation de la 4e année du Département Informatique de l'INSA de Lyon et avoir été admis en 5e année.
- Candidature à la fin de du premier semestre de la 4^{ième} année à la Direction du Dép. IF

