



Swiss Networking Day

Networking Academy Schweiz

Networking Labor @ HSLU

Jutta Jerlich
Mai 2014

Networking Akademie Programm Global

Networking Akademie Programm in der Schweiz

Die Architekten der Zukunft

Academy Programm Global

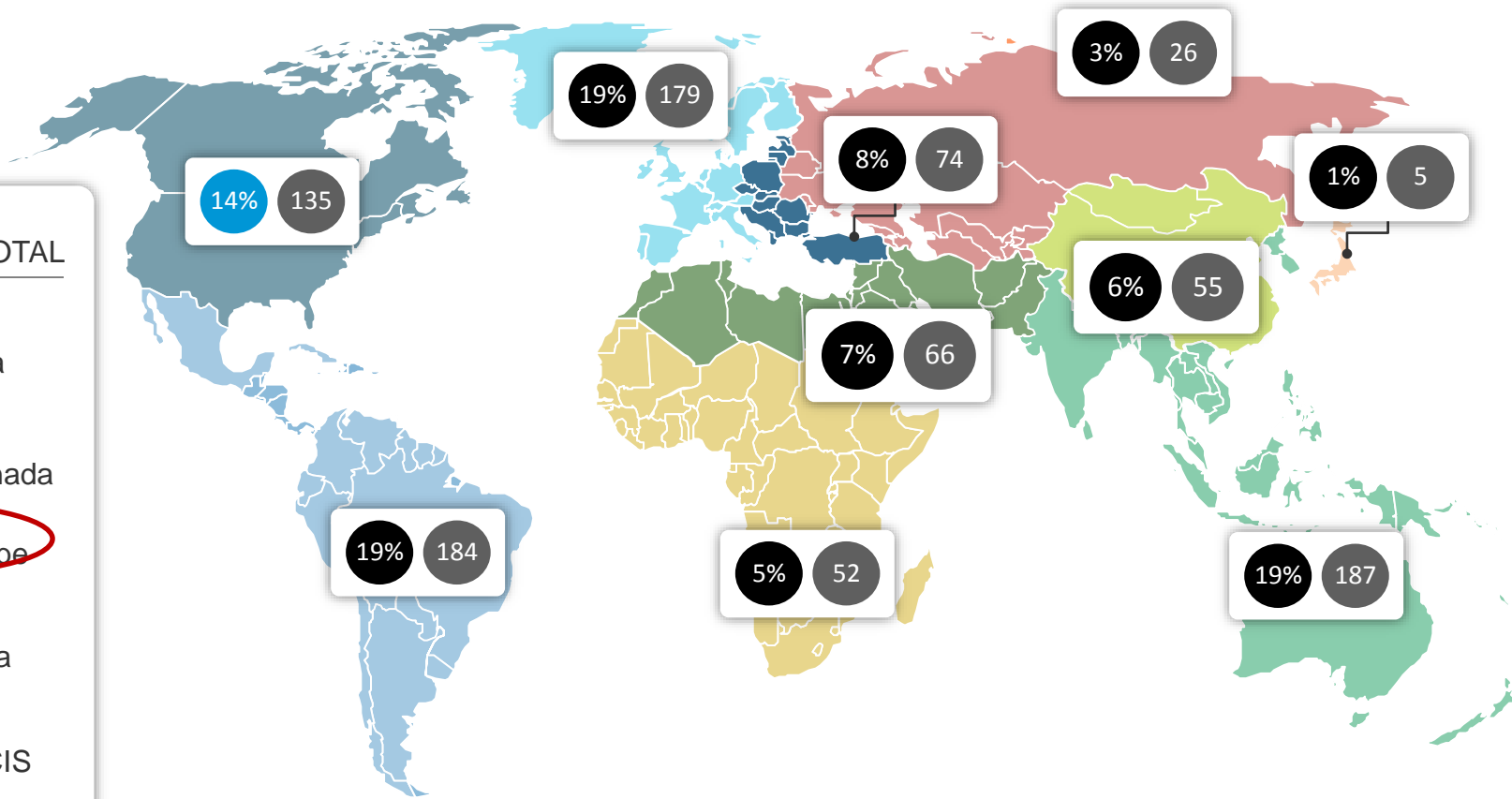


Large and Global Presence

Currently 1 Million Students Worldwide

% OF GLOBAL TOTAL

- 19% APAC
- 19% Latin America
- 19% Europe
- 14% U.S. and Canada
- 8% Central and Eastern Europe
- 7% Middle East
- 6% Greater China
- 5% Africa
- 3% Russia and CIS
- 1% Japan



STUDENTS BY REGION (1,000,000 Worldwide)

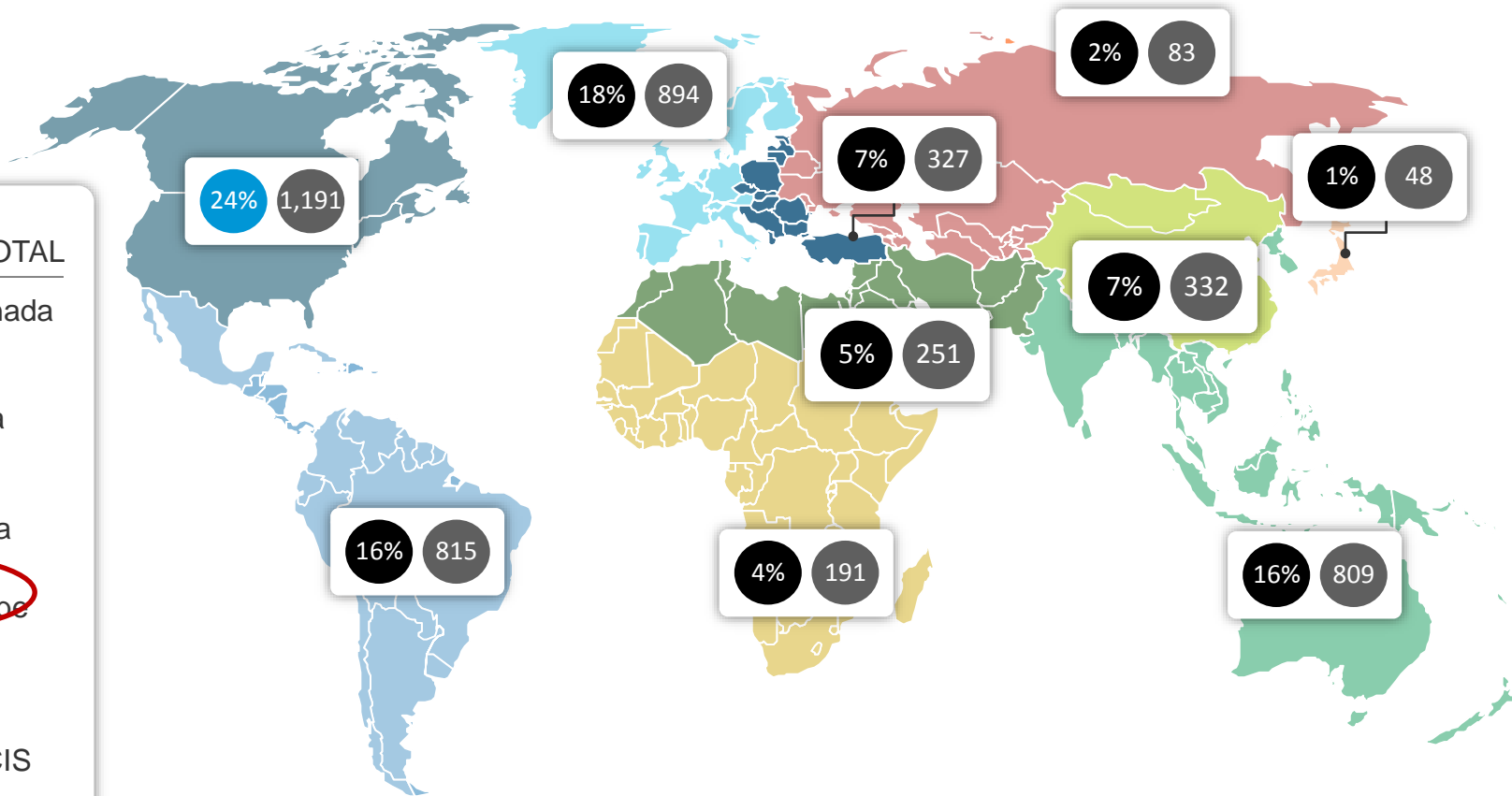
- 100% % of Worldwide Total, end Q4-FY13
- 1,000 # of Students in thousands

Cumulative Students by Region

(4,750,000 Students Since Inception in October, 1997)

% OF GLOBAL TOTAL

- 24% U.S. and Canada
- 18% Europe
- 16% Latin America
- 16% APAC
- 7% Greater China
- 7% Central and Eastern Europe
- 5% Middle East
- 4% Africa
- 2% Russia and CIS
- 1% Japan



CUMULATIVE STUDENTS BY REGION (4,750,000 Worldwide)

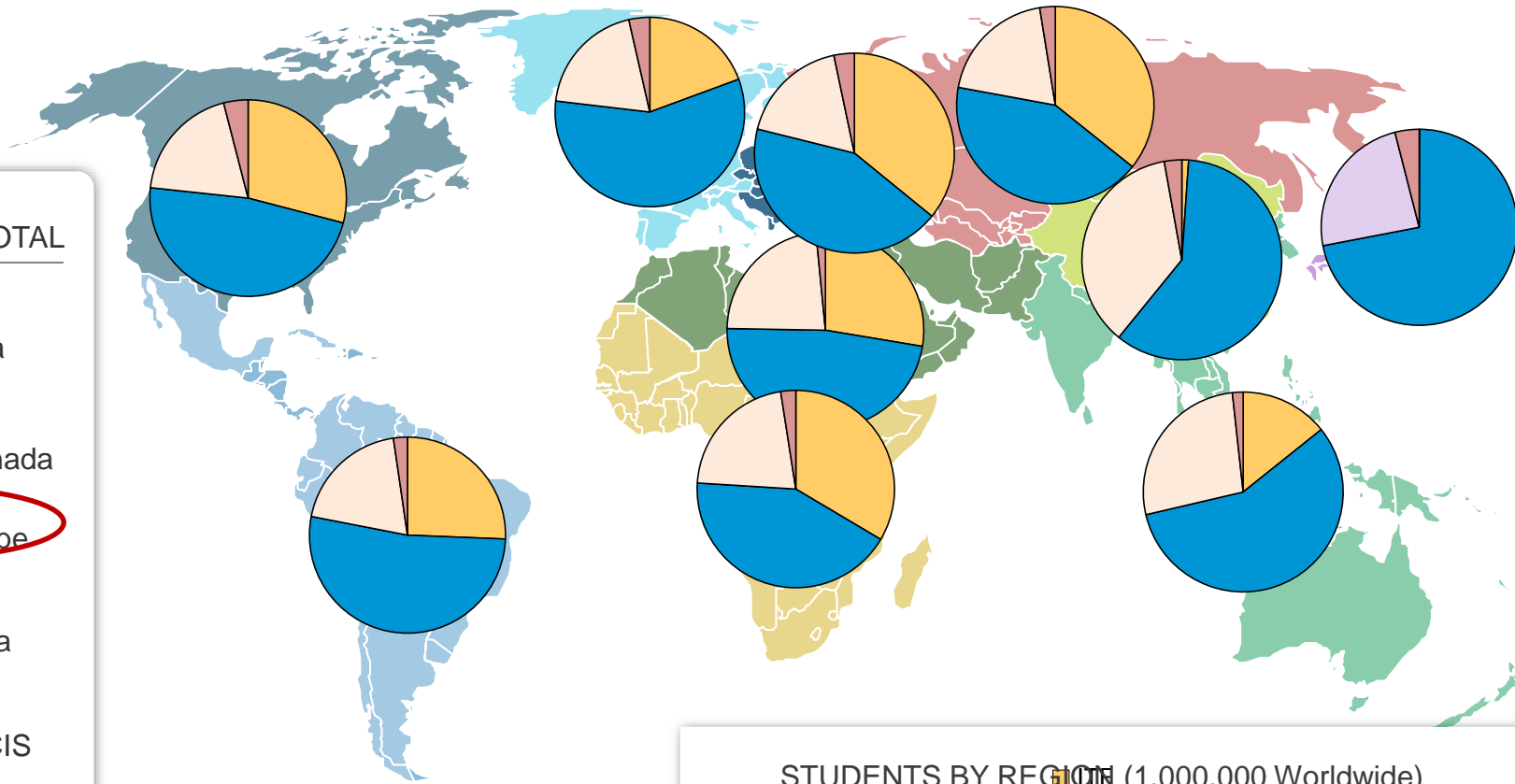
100% % of Worldwide Total, end Q4-FY13

4,750 # of Students in thousands

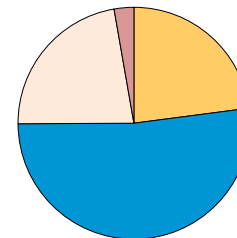
Students by Curriculum by Region (1,000,000 Students)

% OF GLOBAL TOTAL

19%	APAC
19%	Latin America
19%	Europe
14%	U.S. and Canada
8%	Central and Eastern Europe
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STUDENTS BY REGION (1,000,000 Worldwide)



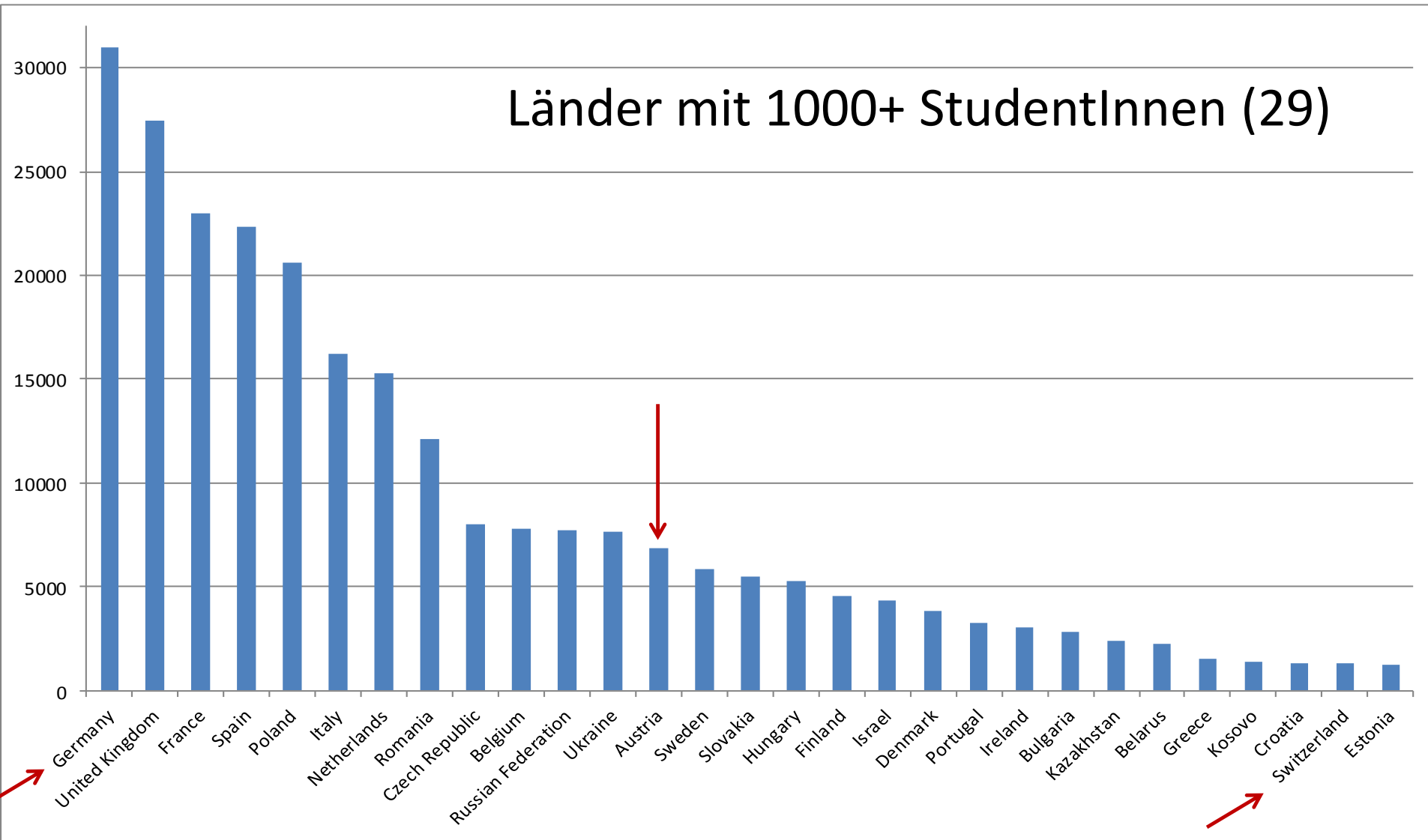
- CCNA 1,2*
- CCNA 3,4*
- Adv Tech & Other**

* Includes Courses for CCNA, Discovery, Exploration and CCNA R&S; Students distributed by course enrollments in CCNA pathways.

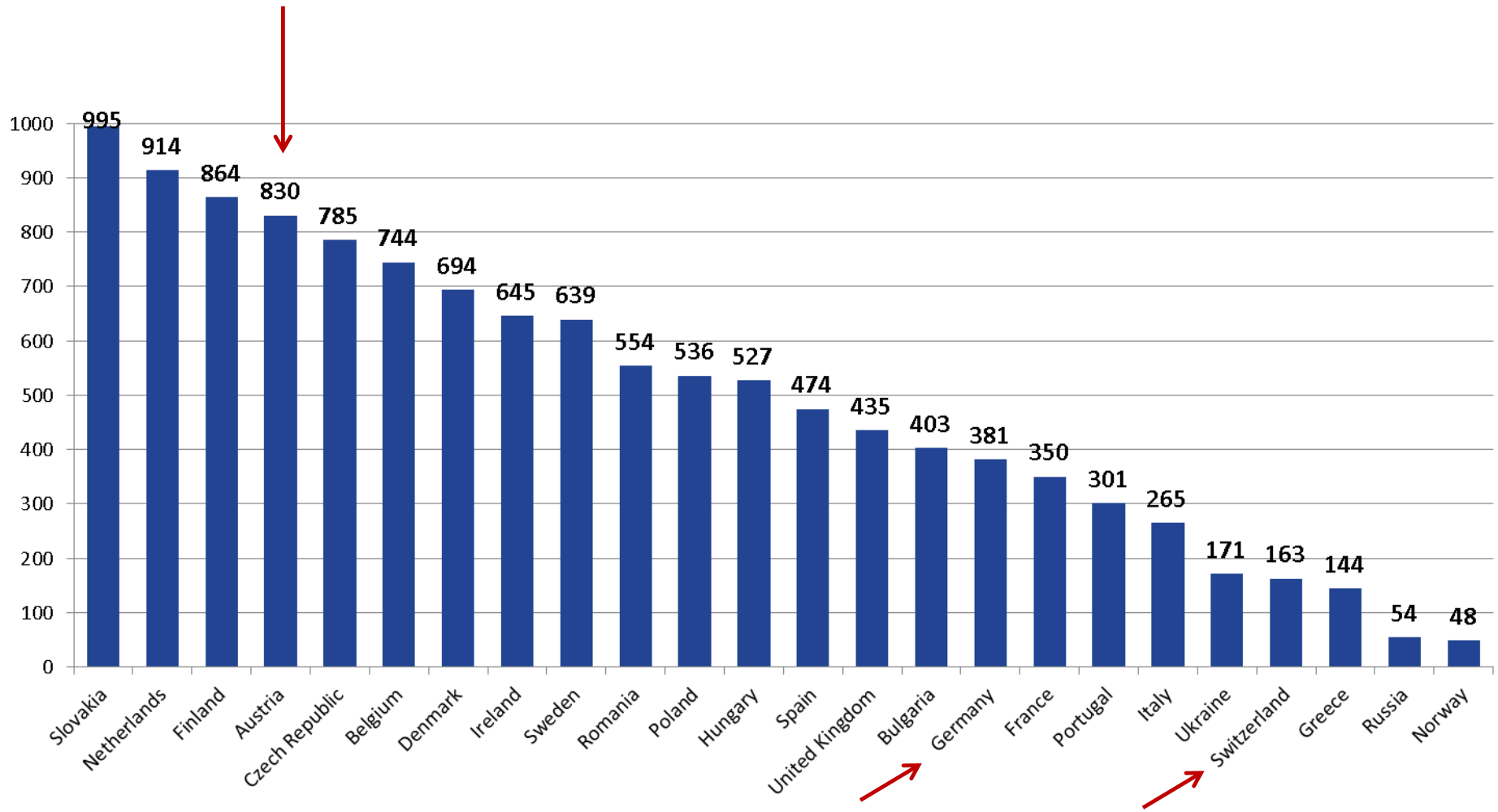
** See Notes Page for additional details on "Adv Tech & Other"

Source: Metrics & BI, jzinn, Snapshot as of end of Q4-FY13

EUROPE – size of NetAcad Program



EUROPE – NetAcad Program – pro Einwohner



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Networking Akademie Programm in der Schweiz

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Academy Programm in der Schweiz

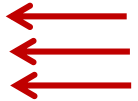


RANKING Academies

	Kanton	Students	Female
Hochschule Luzern	Luzern	356	12
HEG-Geneve	Geneve	198	34
ESIG-GE	Geneve	139	24
Scuola superiore di informatica di gestione (SSIG)	Ticino	98	10
HTW Chur	Graubunden	70	1
HFT-SO	Solothurn	66	3
FH Nordwestschweiz	Aargau	57	1
Haute Ecole Vaud	Vaud	54	1
ZLI Zürcher Lehrbetriebsverband ICT	Zurich	51	2
Schweizerisch Technische Fachschule Winterthur	Zurich	51	1
TBZ Hoehere Fachschule	Zurich	47	2
HSR Rapperswil	Zurich	46	2
D&FI SA	Geneve	40	2
IBW Graubünden	Graubunden	38	
Ecole d'ingenieurs et d'architectes de Fribourg	Fribourg	35	4
Migros Genossenschaftsbund	Zurich	26	1
Berufsfachschule BBB	Aargau	21	1
ESNE - Ecole Supérieure du canton de Neuchatel	Neuchatel	20	
IFA Weiterbildung AG	Zurich	19	
Ecole Technique Sainte-Croix	Vaud	15	
GITI	Geneve	9	
Swissnetac	Vaud	4	

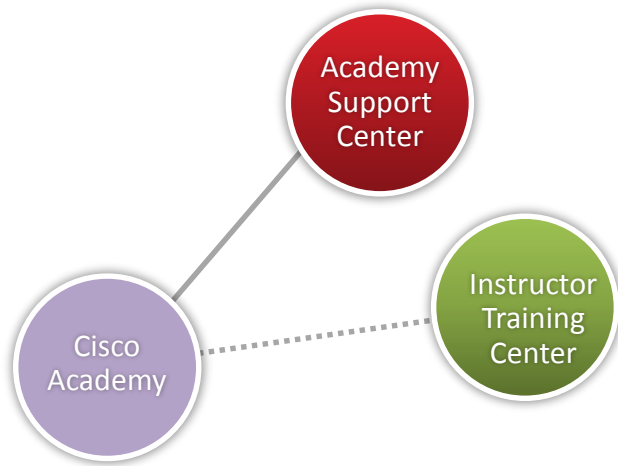
Academy Students Enrolment / Kantonen

	Non-Distinct Students pro Bundesland	Active Academies	Durchschnitt pro Academy	Bevölkerung 2013	Penetration
Luzern	356	1	356	390300	912
Genf	386	7	55	469200	823
Graubünden	108	2	54	194900	554
Tessin	98	1	98	346500	283
Solothurn	66	1	66	261400	252
Zürich	240	6	40	1425100	168
Aargau	78	2	39	636200	123
Freiburg	35	1	35	297500	118
Neuenburg	20	1	20	176300	113
Waadt	73	3	24	748800	97
Appenzell A.Rh.				53700	
Appenzell I.Rh.				15800	
Basel-Landschaft				278600	
Basel-Stadt				189300	
Bern				1000900	
Glarus				39600	
Jura				71700	
Nidwalden				41900	
Obwalden				36500	
Schaffhausen				78800	
Schwyz				151400	
St.Gallen				491600	
Thurgau				260200	
Uri				35900	
Wallis				326600	
Zug				118100	
Schweiz	1460	22		8136700	179



* Penetration = Academy StudentIn je 1 Million Einwohner

Direkte + indirekte Student Zahlen nach ASC



	Summe
Hochschule Luzern ASC & ITC	848
HEG-Geneve	470
Ecole d'ingenieurs et d'architectes de Fribourg	44

Train-the-Trainer 3T

Daniel Jossen, CCNA & ITE, CCNA Security, CCNP

Peter Infanger, CCNA & ITE

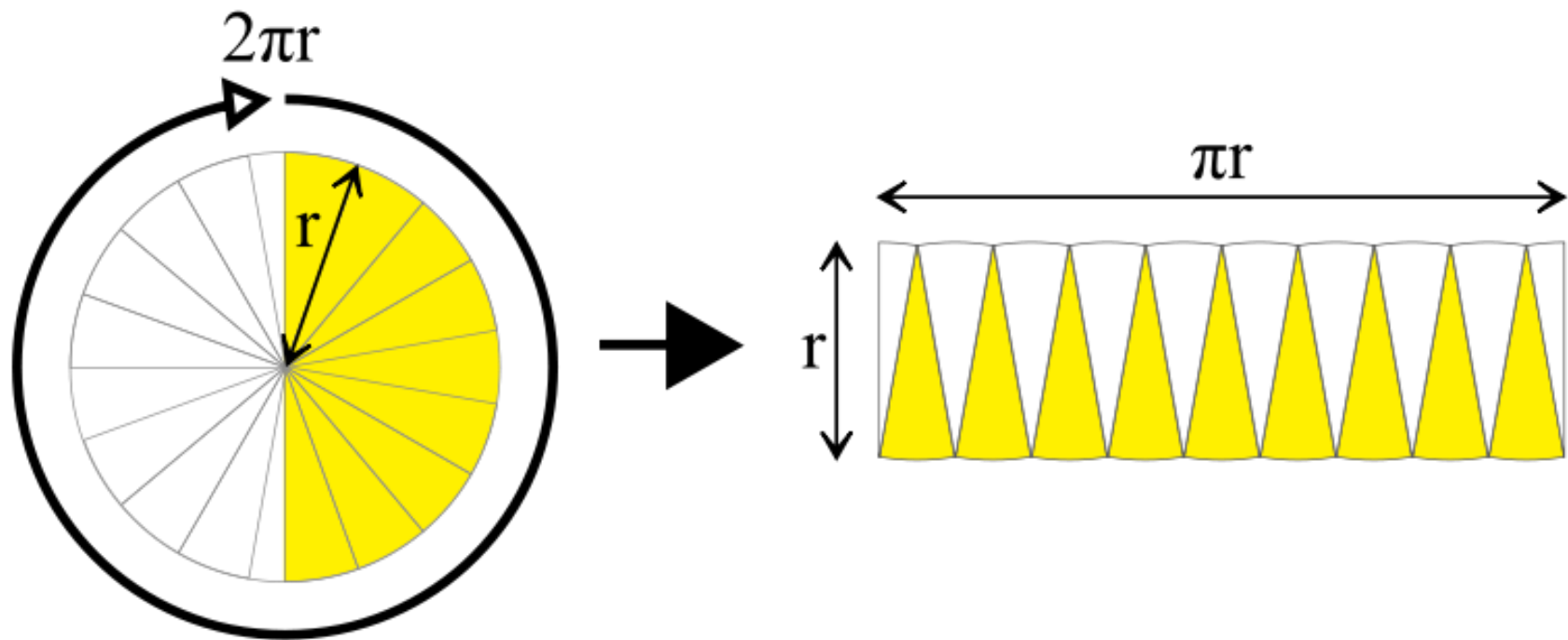
Philippe Schnyder, CCNA & ITE

Andre Seydoux, CCNA & ITE

Gerard Ineichen, CCNA & ITE

Strategische Ausrichtung

- In anderen Ländern starker Zusammenhang zwischen IT Essentials Angeboten im Unterricht und der Teilnehmerzahl / 1 Mio Einwohner -> *Akademieprogram verbreitern und den Einstieg in die Technikwelt erleichtern*
- Schnupper und Experience Angebote für die Berufswahl Technik
- Zusammenarbeit der Instruktoren bsp. Smart Grids
- Talent Initiativen im lokalen CISCO Ecosystem



NetAcad DACH (Deutsch)

<http://networkingakademien.wordpress.com/>

NetAcad Europe (English)

<http://netacadeurope.wordpress.com/>



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Die Architekten der Zukunft

“The digital skills gap is growing, like our unemployment queues. We need joint action between governments and companies to bridge that gap.”



Neelie Kroes, European Commissioner for Digital Agenda

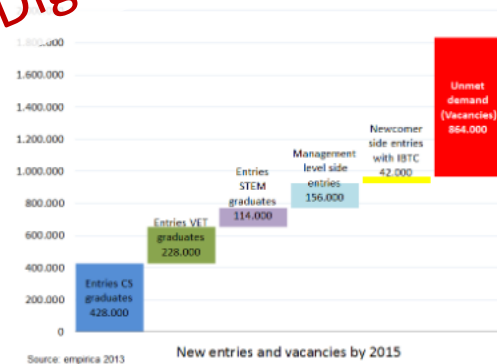
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André Richier

European Commission - DG Enterprise and Industry

Unit E4: Key Enabling Technologies and Digital Economy

New Demand by 2015 ... and how it will (not) be met



CS: Computer Science; VET: Vocational Education and Training; STEM: Science Technology, Engineering, Mathematics; IBTC: Industry based training and certificates

“The digital skills are growing”



Streit um Fachkräftemangel in der Schweiz

Wie gross ist der Fachkräftemangel in der Schweiz? IT-Headhunter Hans Riesenmann und Jörg Aebischer, Geschäftsführer von ICT-Berufsbildung Schweiz, haben dazu unterschiedliche Ansichten. Computerworld bat die beiden zum Streitgespräch.

» Von Fabian Vogt, 20.02.2014 10:07.

«Der Schweiz fehlen nur 500 Informatiker» titelte Computerworld vor Kurzem. Diese Meinung des IT-Headhunters Hans Riesenmann sorgte für einigen Wirbel in der Branche. Denn er widerspricht damit einer Studie von ICTswitzerland, die seit einigen Jahren benutzt wird, um die IT-Branche vor Fachkräftemangel zu warnen. Gemäss der Studie fehlen bis 2020 25 000 Informatiker. Bei Computerworld gingen in der Folge zahlreiche Wortmeldungen ein, welche den Artikel lobten oder verurteilten. Die verwendete Sprache war dabei oft nur knapp über der Gürtellinie, das Thema scheint zu bewegen. Grund genug, mit Hans Riesenmann und Joerg Aebischer, Geschäftsführer von ICT-Berufsbildung Schweiz, das Gespräch zu suchen.

Guten Tag Herr Aebischer. IT Headhunter Hans Riesenmann zweifelt Ihre Studie an und sagt, der



Jörg Aebischer und Hans Riesenmann streiten darüber,



New entries and vacancies by 2015

Source: empirica 2013

Neeli

And Euro Unit



Bernd Überbacher, HTL Innsbruck

- **Study Trip nach San Jose - Jan 2014**
- Einer der **19** NetAcad Studenten aus **15** verschiedenen **Ländern** eingeladen ins Cisco Headquarter in San Jose - Jan 2014
- 10.000 StudentInnen aus mehr als 97 Ländern teilgenommen



Networking Akademien Blog

<http://networkingakademien.wordpress.com/2014/01/29/cisco-live-2014/>

Cisco CSR Blog als Gast Autor

<http://blogs.cisco.com/csr/academy-day-opens-doors-for-future-architects-of-the-internet-of-everything/>

Bernd Überbacher HTL Innsbruck

About the value of Competitions in education

Sometimes you want to study more but don't have a incentive to finally do it. A competition might change that!

“The instructors were nice and one of them was VERY special as he is a CCIE and knows soooooo much! Until now I haven't found a question he was unable to answer :-)”

**Has anyone in particular helped you reach your current success?
Tell me more about this person and what he or she did for you.**

All of the instructors helped of course, but one of them should be especially mentioned. I hope this is ok for him :-) I'm talking about Michael Ruetz - greatest networking guy I know, extremely friendly and he knows for sure how to explain something!

Bernd Überbacher HTL Innsbruck

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Tell your students and apprentices about it
SWISS NetRiders 2014
4 Juni 2014

A Truly global Race

An internet of Everything application

People

Connecting People in More Relevant, Valuable Ways



Process

Delivering the Right Information to the Right Person (or Machine) at the Right Time



Data

Leveraging Data into More Useful Information for Decision Making



Things

Physical Devices and Objects Connected to the Internet and Each Other for Intelligent Decision Making



WINGS FOR LIFE WORLD RUN

MORE TOGETHER - RUN TOGETHER



Alexander Timmerman, Health Care Competence Center
Jutta Jerlich, Networking Academy Program Manager

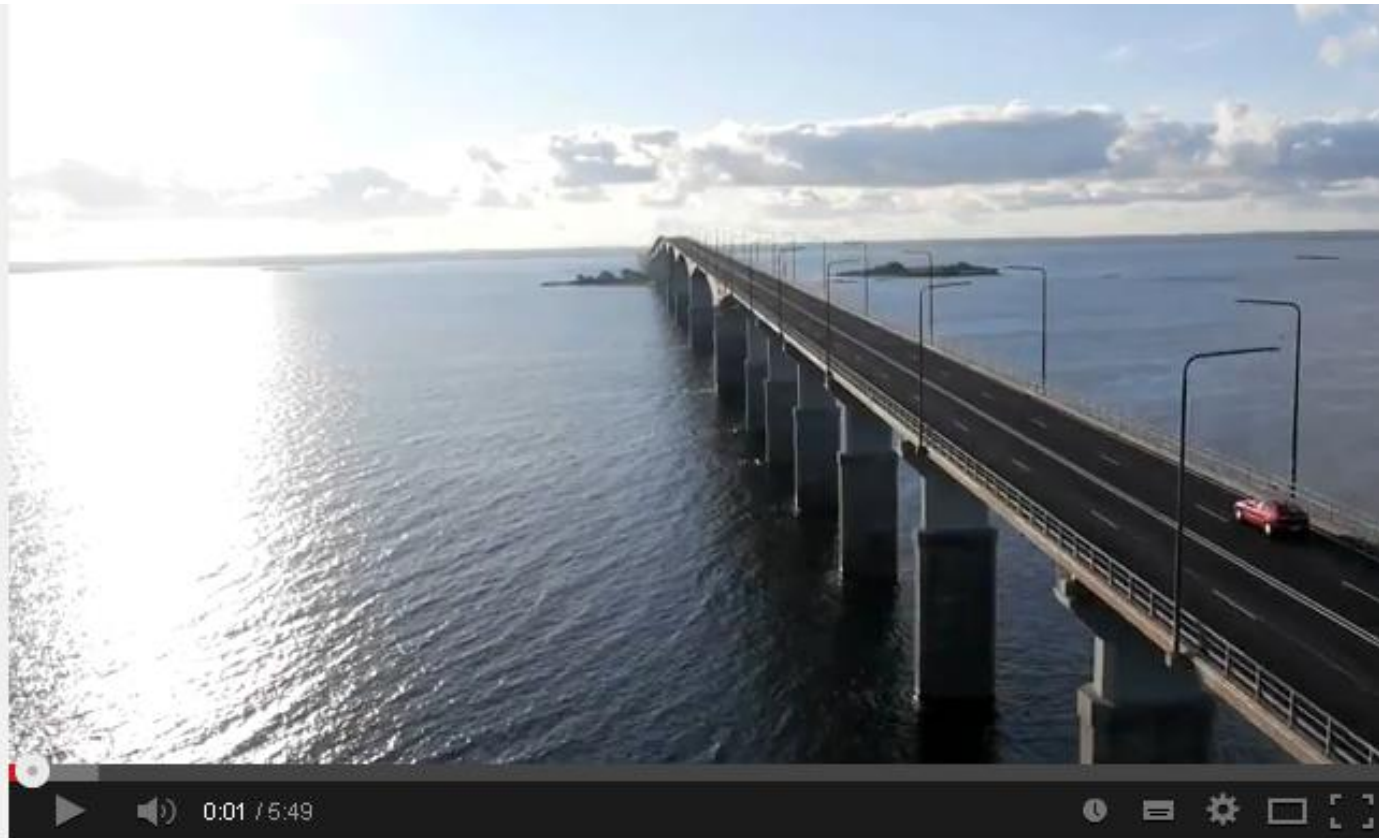


HOW IT STARTED

ITS ALL ABOUT THE SOLUTION

- Customers need solutions not products
- Solutions for Health Care and Public Institutions
- How to bring education to life:
- Education + Technology + Sports = Motivation
- Healthcare + Technology + Sports = Commitment
- Cisco - Tiani - Wings for Life World Run
- Identify the opportunity - how to connect the dots
- Bring the conversation with customers on a new level

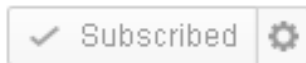




Run For a Cure with Cisco, Tiani Spirit and Wings For Life



Cisco · 4,380 videos



<https://www.youtube.com/watch?v=-pEz2QxjQj8>

NetAcad Team reporting from the Global Race Control Center





AT A GLANCE

THANK YOU! 35 397 RAN ON MAY 4TH FOR THOSE WHO CAN'T



Fragen, Ideen, Wünsche, Kritik,



jjerlich@cisco.com



Thank you

