## A school with a difference Highlights at the Institute of Economic Studies, 2014–2015

Martin Gregor

Advisory Board Meeting September 16, 2015



# Our school

Quantitative

- the most rigorous degrees in Economics and Finance in CZ+SK
- a tough core sequence beginning with 4 courses of Mathematics taught by Department of Mathematical Analysisat Charles University
- key local partners: CERGE-EI, Faculty of Mathematics and Physics, and Institute of Information Theory and Automation
- International
  - 35 EN/23 CZ regular Bachelor courses
  - 47 EN/9 CZ regular Master courses
  - 40+ Erasmus exchange agreements
  - a plenty of study opportunities in Asia, Australia, and the United States
  - 85 outgoing students
  - 119 incoming students, including non-EU exchange students: Australia, Canada, China, Japan, Mexico, Mongolia, New Zealand, United States
  - 97 non-exchange international students

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# Our school

#### Hub of talent

- 737 students in total
- 95 Bachelors, 75 Masters and 4 PhDs graduate each year
- many extracurricular opportunities, e.g., internships, mentoring, thesis competitions, and team competitions
- easy transfers into Masters: Cambridge, Oxford, LSE, UCL, Tilburg, Bonn, Paris I
- transfers into strong economics and finance programs: PhD at LSE, Chicago, Cornell, Cambridge
- Iater into top business education: MBA at Harvard Business School, London Business School, Columbia Business School, Kellogg School of Management

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### Admissions

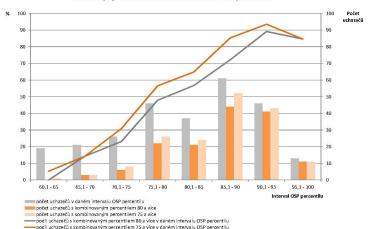
#### Admission scores

	IES (60% MAT, 40% OSP)	NF VSE (0% MAT, 100% OSP)
2015/2016	76	50
2014/2015	80	50
2013/2014	80	66
2012/2013	85	73
2011/2012	80.1	-
2010/2011	80	-
2009/2010	75.5	-
2008/2009	76.9	-

#### Admissions

	2015	2014	2013	2012	2011
Bc	164	152	174	183	229
BEF	27	19	22	37	26
Mgr	106	113	154	104	143
MEF	47	19	22	37	26

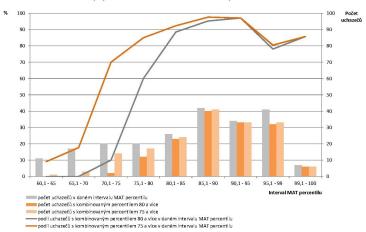
### General aptitude and admission probability



Šance na přijetí v závislosti na dosaženém OSP percentilu

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### Mathematics and admission probability



#### Šance na přijetí v závislosti na dosaženém MAT percentilu

# Update

- Extra criteria to avoid an entry exam:
  - 95th percentile or higher in SCIO MAT, or
  - top 3 in the regional round of 'Math Olympics', or
  - successfully completing the mathematical seminar of KAM MFF UK.

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## Targeted P.R.

Bc (in Czech)

- Open Days: January 2015, June 2015
- a list of targeted high schools
- individual visits of our students
- BEF (in English)
  - regular visits into international schools (Praha, Brno, Ostrava, Karlovy Vary)
  - 2nd Undergraduate Open Day (September 2015)
  - hosting HMC (Headmasters' and Headmistresses' Conference, May 2015)
  - hosting ICEF FAM tour of education agents (November 2015)

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### Online campaign



#### INSPIRATIVNÍ STUDIJNÍ PROSTŘEDÍ

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Podrobnější informace >

# fb visibility



▶ 1450+ likes

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## Booklet





CHARLES UNIVERSITY IN PRAGUE Faculty of Social Sciences

Institute of Economic Studies

### A new homepage





Novinky

#### 14.09.2015

#### Placené kurzy čínštiny na základě angličtiny

V letošním akademickém roce FSV znovu otevírá v rámci celoživotního vzdělávání kurzy čínštiny. Vyučovat bude mladá lektorka Kontuciovy akademie Univerzity Palackého v Olomouci Man Zhang, Kurzy budou probíhat v pátek v Opletalové...

zobrazit novink

#### 14.09.2015

07.09.2015

data"

#### OZS vyhlásilo výběrová řízení na LS 15/16

Veškeré Informace jsou k nalezení zde: Semestrální pobyt na Le Moyne College, Syracuse, NY, USA, LS 2015/2016 Semestrální pobyt na Martboro College, Vermont, USA, LS 2015/2016 Semestrální pobyt na University of Richmond, Virginia, USA

zobrazit novinku

Soutěž pro studenty -

IES FSV UK - ČSOB

Cena "Bankovnictví,

důvěra, finance a



09.09.2015 Babí léto s absolventy



11.09.2015

#### JEM141 Traditional and Alternative Risk Transfer in the Insurance Sector

V pátek 25.9.2015 se uskuteční jednodenní kompaklní kurz JEM141 Traditional and Alternative Risk Transfer in the Insurance Sector v místnosť 206. Kurz povede Prof. Maurizio Pompella a je určen pro studenty 2. a 3. ročníku bakalářského...



09.09.2015

#### 22. ročník soutěže Mladý ekonom

Česká společnost ekonomická vyzývá k účasti na 22. ročníku soutěže Mladý ekonom roku 2015. Termín pro zasilání soutěžních prací: 15. říjen 2015. Každý z účastníků ve věku do 30 let může do soutěže zaslat pouze...

zobrazit novinku

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## Career-driven campaign

- Top Alumni
  - about 10 diverse careers (banking, central banking, IMF, consulting, academia)
- Alumni of the Month
  - Ivona Butcher (MBA Kellogg School of Management; Magnitude Capital, New York)
  - Pavel Dvorak (Amsterdam University; 3rd in Econometric Game, beating Harvard team; now at European Commission)
  - Eva Hlavsova (MPhil Cambridge; Morgan Stanley, Credit Risk Associate, London)
  - Adrian Luposor (MEF Charles University; Head of Expert-Grup, an economic think-tank, Moldova)
  - Jan Petrov (LLM New York University; RSBC Private Equity, Senior Associate, Prague)
  - Zuzana Posoldova (BNP Paribas Fortis, Sweden; Head of Credit Analysts)
  - Tomas Roubal (World Health Organization, South Africa)
  - Jakub Seidler (Chief Economist, ING Bank, Prague)
  - Michal Sinka (Berklee College of Music; now a guitar player)
  - Libuse Vosahlikova (MBA Harvard Business School; McKinsey, New York)
  - Jan Zika (NBCUniversal, New York)
- A Year After
  - 3x3: 3 graduates 3 times a year
  - always exactly 1 year after their Master graduation

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## HN ranking

7 wins: 2015, 2014, 2013, 2012, 2010, 2009, 2008



#### Fakulta sociálních věd UK obhájila prvenství

kat 22. 1. 2015 00:00 (aktualizováno: 28. 1. 2015 09:01)

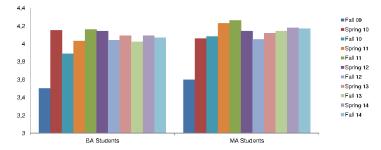
- Téměř 13 procent studentů UK se dostane do zahraničí minimálně na jeden semestr.
- Ekonomické obory studuje zhruba padesát tisíc lidí.
- V Hradci Králové loni přijali jen 23 procent uchazečů.

Nejlepší ekonomické vzdělání v Česku nabízí studentům Institut ekonomických studií Fakulty sociálních věd Univerzity Karlovy v Praze. V hodnocení Hospodářských novin opět zvitězil a ostatních dvacet porovnávaných fakult převálcoval ve světovosti a suverénně ve vědě. Zároveň patří mezi výběrové školy.

"Snažíme se být jiní výběrovostí hned na počátku, dáváme velký důraz na matematiku a práci s daty, kontrolujeme kvalitu výuky a snažíme se být důslední. Na našem institutu chceme prosazovat kvalitu před kvantitou a taková strategie pochopitelně není pro každého," říká ředitel institutu ekonomických studií Martin Gregor.

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# Quality



#### Course evaluations in the last 11 terms

▶ We also collect feedback informally ('Aunt Sally').

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# Quality

There is a trend to an overwhelming dominance of English.

- Bachelor theses
  - 2014: 65 EN, 18 CZ
  - 2013: 72 EN, 26 CZ
  - 2012: 58 EN, 41 CZ
  - 2011: 25 EN, 58 CZ
- Master theses
  - 2014: 94 EN, 5 CZ
  - 2013: 77 EN, 3 CZ
  - ▶ 2012: 69 EN, 5 CZ
  - 2011: 36 EN, 24 CZ

# Quality

Bloomberg Aptitude Test

- 750+ universities worldwide
- 2015: 556 IES, 482 CZE, 460 World
- 2014: 530 IES, 482 CZE, 471 World
- 2013: 551 IES, 432 CZE, 470 World

• Our best individual results (in Europe, Middle East and Africa):

- 03/2013: 2. Jan Stribny
- 10/2013: 5. Mikolas Volek
- 02/2015: 5. Robert Sevinsky

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## Our undergraduates have a rich portfolio of options.

- 2015
  - Oxford: Michal Prause
  - Cambridge: Jakub Rybak, Ondrej Dockal and Martin Milenovsky
  - LSE: Jan Polach
  - UCL: Ladislav Tuma
  - Warwick: Katerina Vratnikova
  - Columbia, Master in Financial Engineering: Marek Sabata
  - Princeton, PhD in Economics: Bruno Baranek
  - Peking University HSBC Business School: Michael Soltes
  - University of Zurich: Jan Krepl
  - St. Gallen: Jan Izak
  - Lugano University: Tomas Fiala
  - University of Amsterdam: David Kuhnl
  - Utrecht University: Marek Cech
  - Leicester: Jan Sila
  - Humboldt University: Vojtech Pulec
- previous years
  - Masters: Cambridge, Oxford, LSE, UCL, Tilburg, Bonn, Paris I, Graduate Institute in Geneva, HSG St. Gallen, Yale
  - PhD: Cambridge, LSE, Chicago, Cornell, Johns Hopkins, Northwestern
  - MBA: Harvard Business School, London Business School, Columbia Business School, Kellogg School of Management

## CFA Institute University Recognition

- ▶ We are the 1st (and the only) CFA recognized school in CZ+SK.
- The status is granted to institutions whose degree programs incorporate at least 70% of the CFA Program Candidate Body of Knowledge (CBOK).
- Both Bachelors in Economics and Finance (Czech) and Masters in Economics and Finance (Czech) have been recognized by the CFA Institute.
- ▶ We are entitled to award 3 CFA Program Awareness Scholarships.

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# Rankings

We build Charles University as by far the best CZ+SK place for training of young prospective economists.

- Charles University
  - QS World University Ranking 2015: 151–200
  - Webometrics World Ranking, Spring 2015: 96
  - Shanghai Academic Ranking of World Universities 2014: 201–300
- Economics and Econometrics at Charles University
  - QS World University Ranking 2015: 151–200
  - IDEAS RePEc Ranking, Europe 2015: Top 7%
  - among top 5 CU fields by research excellence
  - among top 9 CU fields by QS ranking

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# IDEAS Country Ranking in Economics<sup>1</sup>

#### Ranking of Czech Research Institutions (top 3 out of 32)

- 1. Center for Economic Research and Graduate Education (CERGE-EI)
- 2. Czech National Bank (CNB)
- 3. Institute of Economic Studies, Faculty of Social Sciences, Charles University (IES)

#### Ranking of Czech Academic Economists (top 50 out of 270)

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	12/2011	01/2013	01/2014	12/2014	08/2015
CERGE-EI	20	22	21	23	24
CNB IES FSV UK	19 13	20 14	21 14	19 13	19 15
VSB-TU	1	2	4	4	4
UTIA AV VSE	- 2	- 1	3	3 1	4 1
VSFS	-	-	-	1	1

Note: Multiple affiliations are included.

<sup>1</sup>Source: http://ideas.repec.org/top/top.czech.html

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## Research

▶ ECOCEP (2014–16): Economic Modelling for Climate-Energy Policy

- mobility scheme for EU and non-EU universities (300 person/month exchanges both incoming and outgoing)
- EU: FEEM, Oxford, Toulouse
- non-EU: Berkeley, Cornell, Harvard, Maryland, McGill, Queensland
- ▶ GEMCLIME (2017–19): Global Excellence in Modelling of Climate and Energy
  - EU: LSE, Oxford, Toulouse
  - non-EU: Harvard, MIT, Stanford, Princeton, Columbia, Cornell
- Center of Excellence (2013–18; Czech Science Foundation)
  - Dynamics Models in Economics and Mathematics
  - jointly with CERGE-EI, MFF UK, UTIA, VSE
- Prestigious individual grants and applied research
  - 2 invited projects for the European Commission in 2015
  - Czech Science Foundation: standard and post-doc grants

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## Joint research infrastructure with CERGE-EI

▶ PRVOUK P23: a joint research platform

▶ High quality measured by articles with Article Influence Score 0.8+

Excellence points	2012	2013	2014
CERGE UK	15.16	21.35	32.02
IES FSV UK	13.13	17.54	15.94

- UNCE: a joint Center for Advanced Economic Studies
  - ranked among top 5 out of 27 centers of excellence at Charles University
  - i.e., top out of all excellent fields at the University

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#### The best research

- Barunik, J., Kocenda, E., Vacha, L., 2016. Asymmetric connectedness on the U.S. stock market: Bad and good volatility spillovers. Forthcoming in *Journal of Financial Markets*.
- Barunik, J., Kocenda, E., Vacha, L., 2015. Volatility spillovers across petroleum markets. *The Energy Journal*, 36(3), 309–329.
- Gregor, Martin (2015) Task divisions in teams with complementary tasks, Journal of Economic Behavior & Organization, 117, 102–120.
- Havranek, Tomas; Havrankova, Zuzana; Horvath, Roman; Rusnak, Marek (2015) Cross-Country Heterogeneity in Intertemporal Substitution, *Journal of International Economics*, 96(1), 100–118.
- Hanousek, J., Kocenda, E., Shamshur, A. 2015. Corporate efficiency in Europe. Journal of Corporate Finance, 32, 24–40.
- Kristoufek, L. Lunackova, P.: Rockets and feathers meet Joseph: Reinvestigating the oil-gasoline asymmetry on the international markets. *Energy Economics*, 49, 1–8.
- Valickova, Petra; Havranek, Tomas; Horvath, Roman (2015) Financial Growth and Economic Development. *Journal of Economic Surveys*, 29(3), 506–526.

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## Workshops and conferences

### MAER-Net Workshop 2015 (10-12 September, 2015)

- Meta-analysis (quantitative surveys)
- Keynote talks:
  - Chris Doucouliagos (Melbourne)
  - Andrea Weber (Mannheim)
  - Nauro Campos (Brunel)

#### Econophysics Colloquium 2015 (14–16 September, 2015)

- ▶ Economics and Finance interacting with Physics and Computer Science
- Keynote talks:
  - Frank Schweitzer (ETH Zurich)
  - Tobias Preis (Warwick Business School)
  - Tiziana Di Matteo (King's College London)
  - Eugen Stanley (Boston University)

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### Career service

Internships for the 3rd year students

- internships as economists and financial analysts
- at least 180 hours
- 3 credits for Bachelor students
- Internships abroad
  - 3 credits for Master students
  - examples: OECD, banks in France
  - Erasmus+ Work Mobility
- Career advice
  - CV consulting
  - soft skill events: assessment center, job interviews preparations
- Mentoring
  - a pilot 4-month project with 7 mentors and 7 mentees
  - applications for the second round closing today

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## Alumni

- 718 members in LinkedIN network (June 2015)
- > The network offers rich online and offline access to graduates.
- Banquets (2008, 2009, 2010, 2011, 2012, 2014)





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## Networking

- **Banquet**: November 2014
- ▶ Picnics: September 2014; June 2015; September 2015



Banquet: scheduled for November 2015

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### Earnings surveys

- Three surveys
  - 2015: 150 participants (incomes from 2014)
  - 2012: 130 participants (incomes from 2011)
  - 2009: 109 participants (incomes from 2008)
- Median earnings relative to CZ universities (in CZK)

	2008	2011	2014
IES	60,000	65,000	54,813
CZ	34,370	33,358	37,508

Income distribution trends

	0-20,000	20,000-40,000	40,000-60,000	60,000-80,000	80,000+
IES 2014 IES 2011	1% 3%	23% 22%	24% 16%	12% 15%	32% 43%
IES 2008	6%	23%	16%	11%	44%

## Annual review of the period 2014-2015

- 4 re-accreditations approved (+ ACCA re-accreditation)
- BEF applications doubled (an increase to 78 from 31)
- IEF UPCES track established: ief.cerge-ei.cz
- GEMCLIME project submitted and approved
- Tenure track conditions in the final stage of discussions
- 3 academic promotions started: Tomas Havranek, Julie Chytilova, Ladislav Kristoufek

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## Objectives for the period 2015-2016

- ▶ 100+ enrolled CZ undergraduate students with SCIO entry score rate not lower
- 3+ new non-EU exchange agreements (Asia, North America)
- Re-accreditation of a double degree Corporate Strategy and Finance
- 2+ new academic promotions launched
- 2+ new sponsorships or partnerships

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We would like to thank our sponsors for their support.



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