

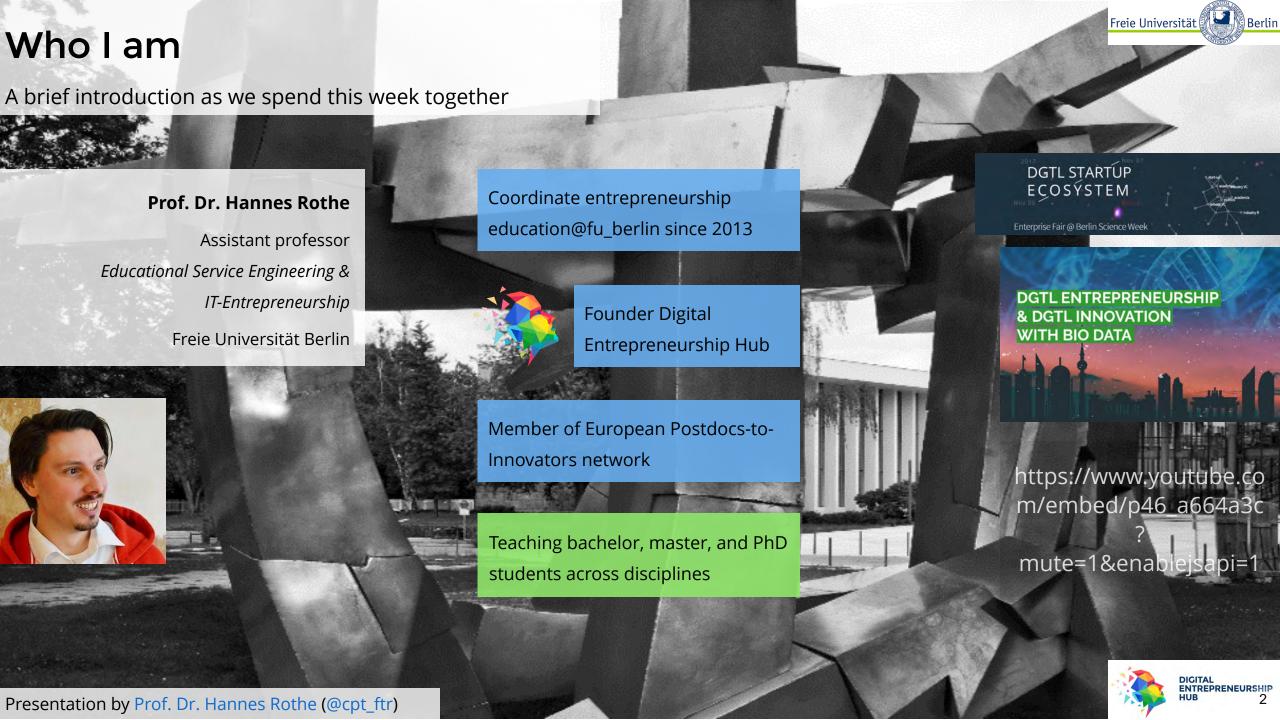
# DRS Pro Transfer

Introductory Session

DIGITAL ENTREPRENEURSHIP







# Who I am

A brief introduction as we spend this week together

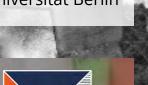
#### **Prof. Dr. Hannes Rothe**

Assistant professor

Educational Service Engineering &

IT-Entrepreneurship

Freie Universität Berlin





ру CoKit

We create courses, together

e.g., https://www.startup.bycokit.com.

Coordinate entrepreneurship education@fu\_berlin since 2013



Founder Digital
Entrepreneurship Hub

Member of European Postdocs-to-Innovators network

Teaching bachelor, master, and PhD students across disciplines

DGTL STARTUP ECOSYSTEM

Enterprise Fair @ Berlin Science Week

DGTL ENTREPRENEURSHIP
& DGTL INNOVATION
WITH BIO DATA

Freie Universität Berlin

https://www.youtube.co m/embed/p46\_a664a3c

mute=1&enablejsapi=1



DIGITAL ENTREPRENEURSHIP HUB 2

Presentation by Prof. Dr. Hannes Rothe (@cpt\_ftr)

### Who I am



A brief introduction as we spend this week together









### B2B E-Business



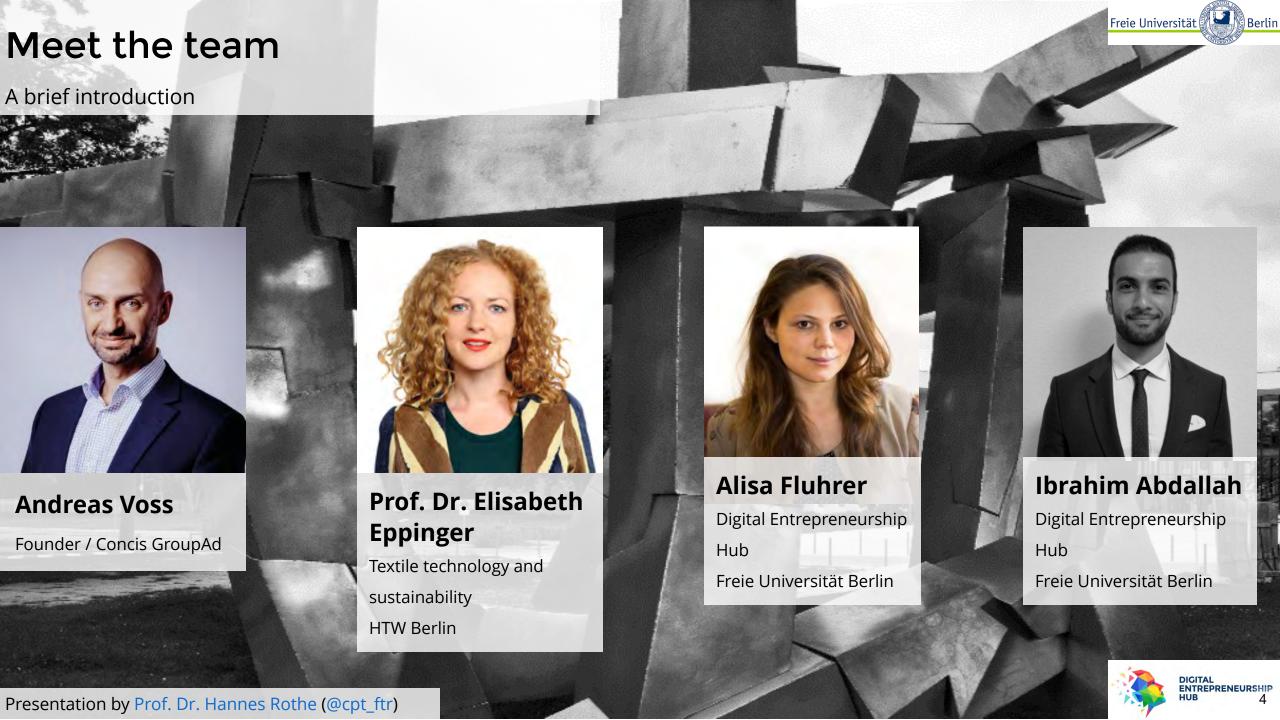












# **Entrepreneurship Education**

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### **Entrepreneurship Education**

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6 curr. courses, e.g.,

8 curr. courses, e.g.,









TransProIdee



Unternehmertum in Netzwerken

EE powered by companies

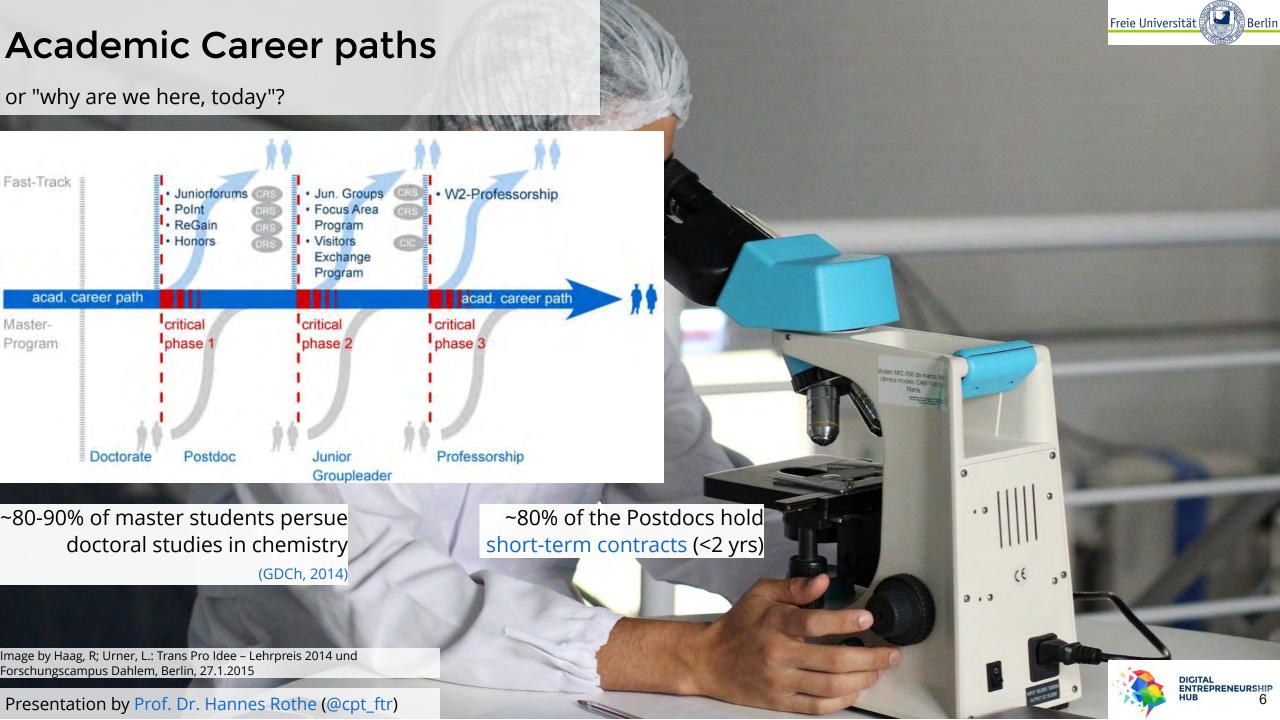
DRS Pro Business

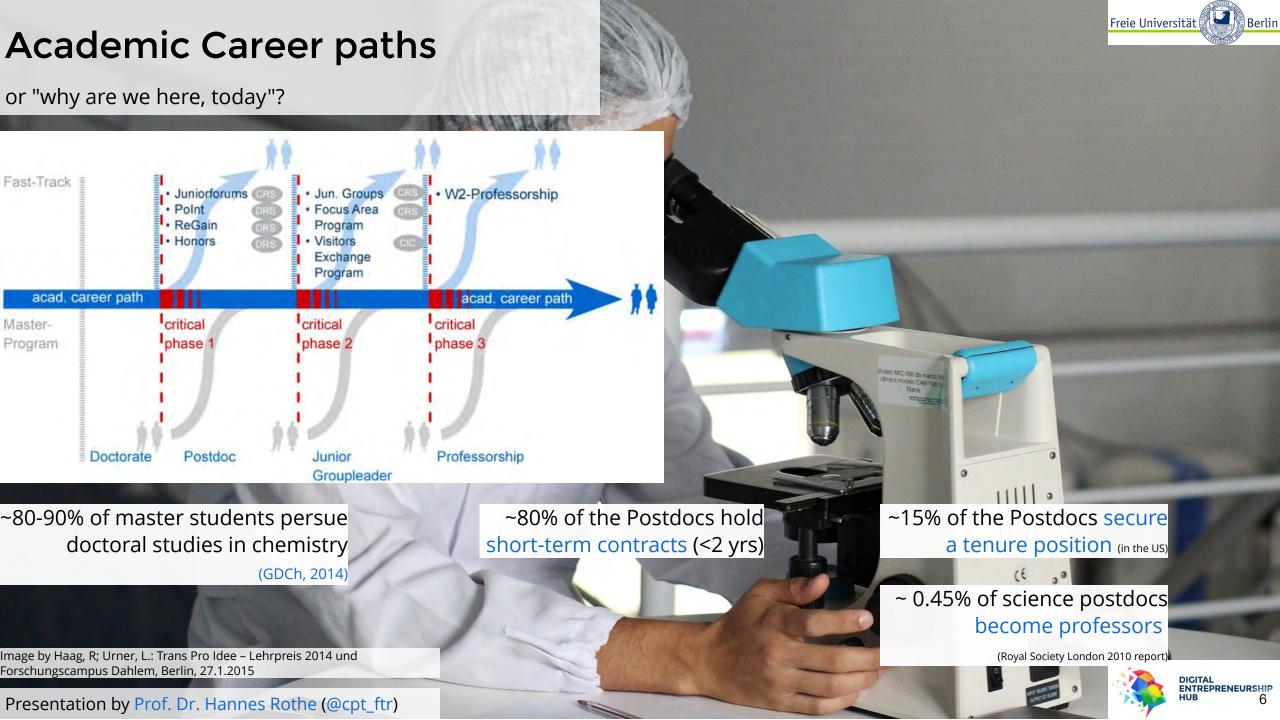












#### - Berlin Freie Universität **Academic Career paths** or "why are we here, today"? an increasing fraction end up in nonacademic or Fast-Track · W2-Professorship Juniorforums · Jun. Groups non-research careers that do not require the years of · Point Focus Area ReGain Program advanced research training provided by the postdoctoral Honors Visitors position. (NIH 2014) Exchange Program acad, career path acad. career path critical critical critical Master-Program phase 2 phase 3 phase 1 Professorship Postdoc Junior Groupleader ~80-90% of master students persue ~80% of the Postdocs hold ~15% of the Postdocs secure short-term contracts (<2 yrs) doctoral studies in chemistry a tenure position (in the US) (GDCh, 2014) ~ 0.45% of science postdocs become professors Image by Haag, R; Urner, L.: Trans Pro Idee – Lehrpreis 2014 und (Royal Society London 2010 report) Forschungscampus Dahlem, Berlin, 27.1.2015 DIGITAL ENTREPRENEURSHIP

Presentation by Prof. Dr. Hannes Rothe (@cpt\_ftr)





### The need for two mindsets



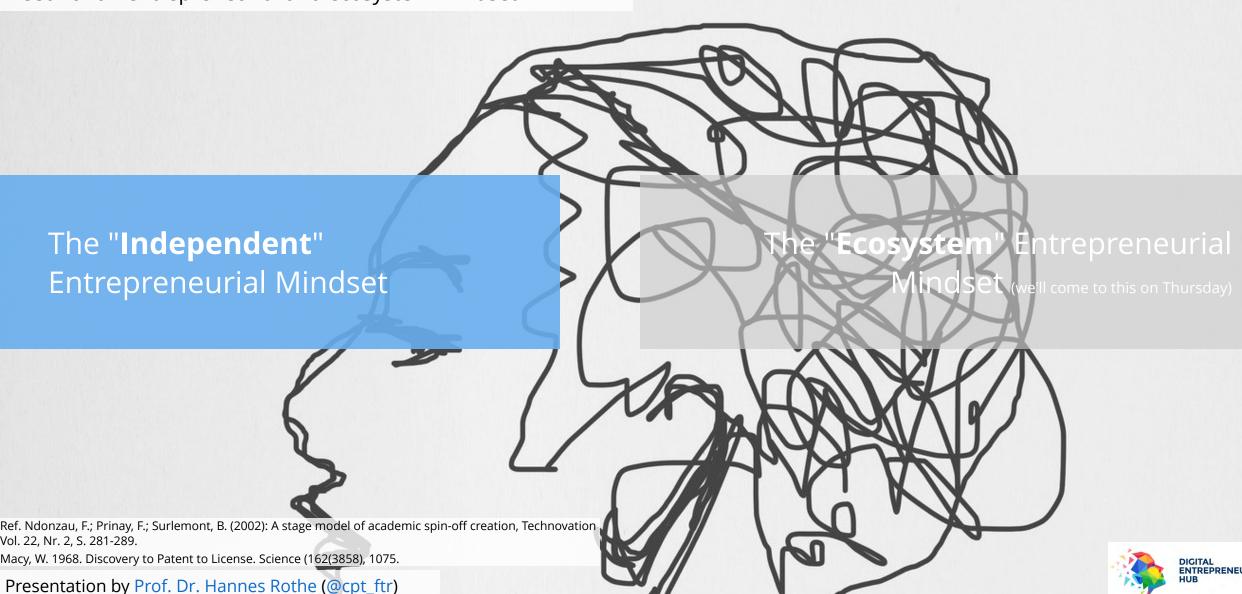
Need for an entrepreneurial and ecosystem mindset



### The need for two mindsets



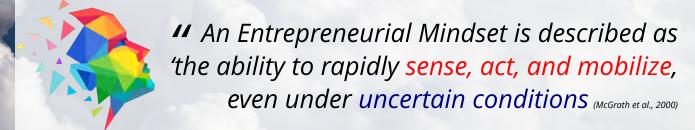
Need for an entrepreneurial and ecosystem mindset



# The Entrepreneurial Mindset

about an entrepreneurial mindset

It is a world of change in which we live, and a world of uncertainty. We live only by knowing something about the future. (Knight, 2012, p. 199)



Ref. McGrath, Rita Gunther, and Ian C. MacMillan. The entrepreneurial mindset: Strategies for continuously creating opportunity in an age of uncertainty. Vol. 284. Harvard Business Press, 2000.

Knight, Frank H. Risk, uncertainty and profit. Courier Corporation, 2012.

DIGITAL ENTREPRENEURSHI HUB 9

Freie Universität

# The Entrepreneurial Mindset

Alertness under uncertainty





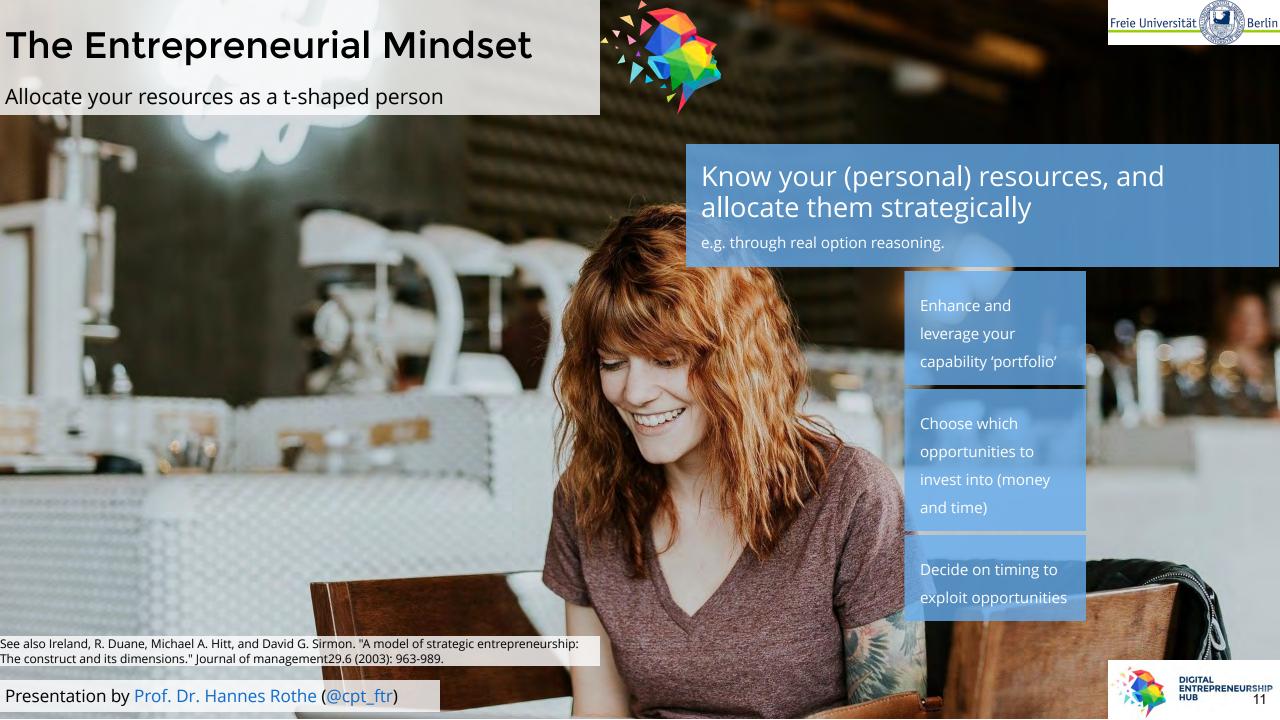
Planning is tricky in an **uncertain world** for entrepreneurs. (Causation)

They need to stay alert. (Effectuation)

See also Ireland, R. Duane, Michael A. Hitt, and David G. Sirmon. "A model of strategic entrepreneurship: The construct and its dimensions." Journal of management29.6 (2003): 963-989.

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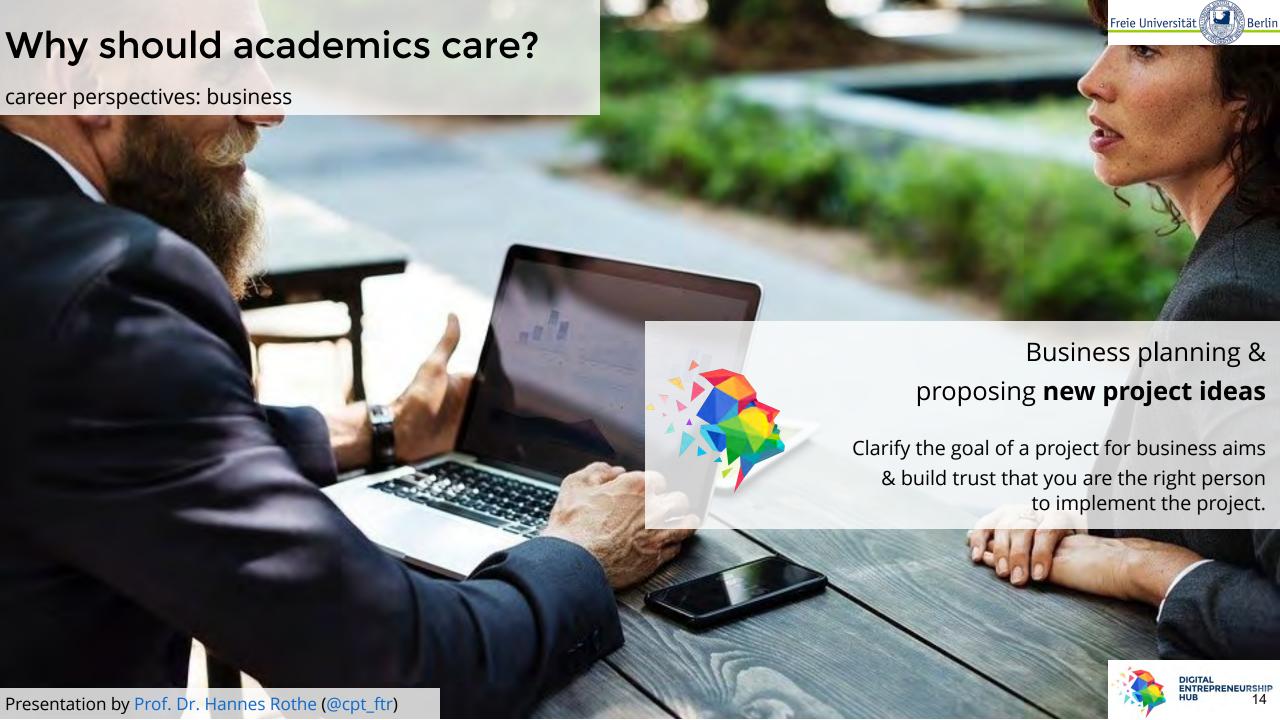




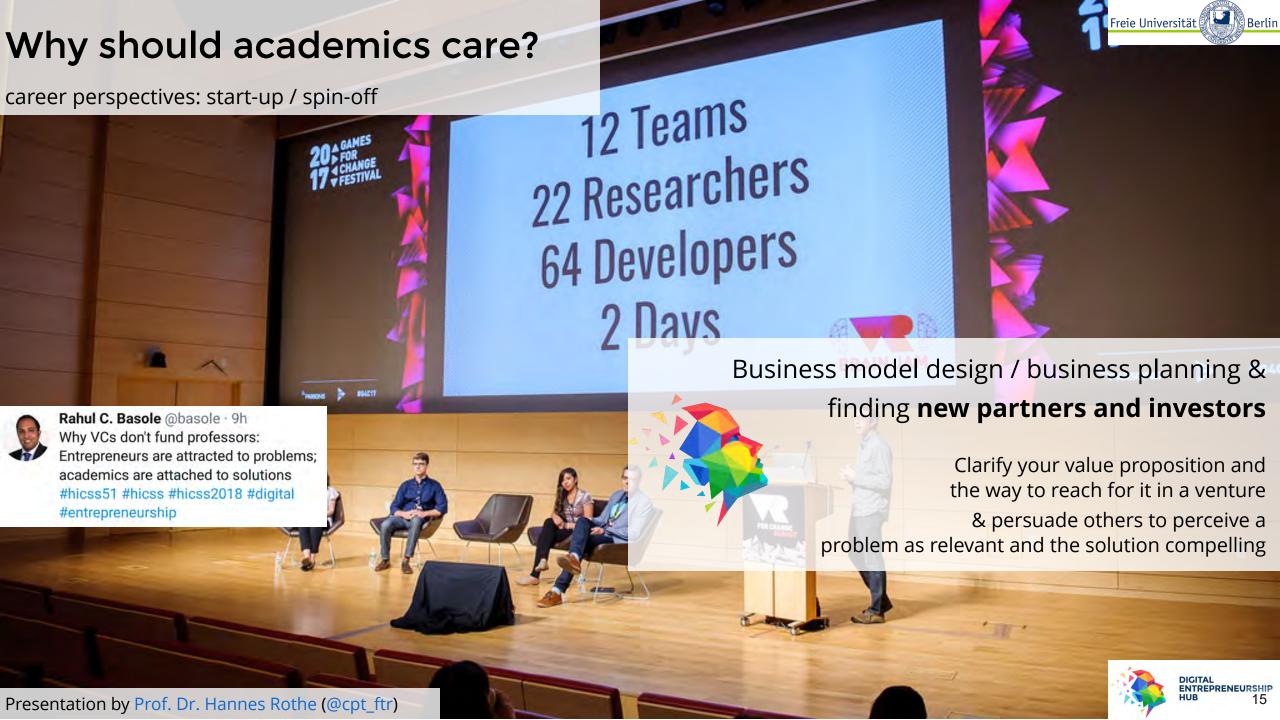














## A prior disclaimer

There is **no** one-size-fits-all entrepreneurship education

Most academics face a similar "real world shock", however their demands largely differ













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e.g., time-to-market (6-8 yrs), services models (trade-off between service & development), IP



e.g., business models for non-profits, services in B2G, IP



e.g., expected time-to-market is short, user-centricity, IP



e.g., scalability, IP





11:30 - 15:00: 11:30 - 13:00: 11:30 - 13:00 Ideation & Value Am I riding a "dead Pitch training Creation horse"? 13:30 - 15:00 15:00 - 16:00 13:30 - 15:00 Final Pitches Experiment your venture Meet Freie Postdocs & (Lean Startup) **Academic Ventures** 

13:30 - 15:00
Experiment your venture (Lean Startup)

Time at co-working space

Networking

Networking

Networking





