

Tectonic shifts in global science: US-China scientific competition and the Muslim-majority science systems in multipolarising science



16 February 2023

00:39:47 Ameet Bali: How do you think about religion and pure science relationship?

00:42:56 Simon Marginson: From Altaf Qadeer: Dr. Abdus Salam (Nobel Laureate in Physics from Pakistan) emphasized on science education from the early years. Some countries (example: IPN Kiel in Germany) have a research center about science education in schools (junior grades/ high schools); is it possible to apply this idea of research on science education (for youth/ kids) at the international level and or for muslim countries?

00:46:28 Victorița Trif: Congratulations! This research is related to a very sophisticated context due to issues as epistemic justice, competing interests and ambition of scientific development. How to prospecting the future according to your results?

00:47:21 David Mills: This is a fascinating data set Yusuf, but what do you think of the suggestion that 'collaboration' is a very umbrella term...some of the growth you point to might simply be a tactical move by researchers to multi-author/guest-author/ghost-author/paid-authorship. Sorry, that's a bit cynical, but all these systems are very much promoting productivity through promotional and financial rewards. So perhaps what we are also seeing here is partly a response to incentives thorough accelerating publishing outputs rather than meaningful research links

00:49:40 Ameet Bali: Majority of Muslim countries in this world, if remains away from scientific research activities is a serious concern. so Muslim intellectuals come forward to encourage scientific research along with religion

00:56:53 Eliel Cohen: Great work Yusuf, brilliant presentation! I actually have a lot of questions but I'll stick to one:

There is clearly a lot of value to analysing these trends through the lens of multi-polarity/competition between two giants. But is there anything lost by using this lens as well? Or are there any alternative theories that highlight different causal factors at play? Thank you! (Sorry to say I can't speak at the moment, if you do get to my question - several other great ones already though!)

01:03:05 Altaf Qadeer: a creative idea is to start research journals for children (in simple form, pictures, explanatory understanding).

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01:04:48 Pola Lem: Thanks for your presentation, Yusuf. My question is a bit speculative, but I'd be keen to hear what you predict will happen with these collaborations in the coming decade or so - will the exponential growth in papers between Muslim-majority countries and China level off? Will US slip further behind China in influence?

01:06:54 Eliel Cohen: Thanks Yusuf. Nothing obvious comes to mind, it's mainly just that multipolarity is the main theory I know of so I was wondering if there's competing/supplementary ones!

01:08:49 atik larbi: right all systems in modern world are in interaction especially by IT technics

01:10:18 Eliel Cohen: I'll ask a second question just in case there is time... Do you happen to know about any explicit policy initiatives from these countries that are underpinning these increases in collaboration? I know it is likely to be an 'over-determined' phenomenon but I'm wondering if you see any specific policy drivers.

(Some examples might be: specific targets for collaboration/citation growth; an emerging 'impact agenda' of the sort we see in the UK; perhaps the geopolitical/'soft power' aspect of science is explicit in some national policy contexts, rather than just something that we can infer/conjecture about...)

01:13:53 CGHE Webinars: Thank you for joining us today. A recording of this session will be posted on the CGHE site: <https://www.researchcghe.org/events/cghe-seminar/tectonic-shifts-in-global-science-us-china-scientific-competition-and-the-muslim-majority-science-systems-in-multipolarising-science/>

01:14:03 CGHE Webinars: Our next webinar, Traditional Chinese Knowledge as Global Resources, will take place on Tuesday from 2pm (UK). You can register here: <https://www.researchcghe.org/events/cghe-seminar/traditional-chinese-knowledge-as-global-resources/>

01:14:14 Bekir Gür: Thanks Yusuf for presenting your important research!

01:15:27 Eliel Cohen: Yes brilliant, thank you

01:15:41 David Mills: Yes, great presentation - many thanks Yusuf.

01:15:53 Yusuf İkbâl Oldaç: Thank you everyone for joining!

01:15:53 Agata Mikolajewska: Great presentation!