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SIBERIAN FEDERAL UNIVERSITY

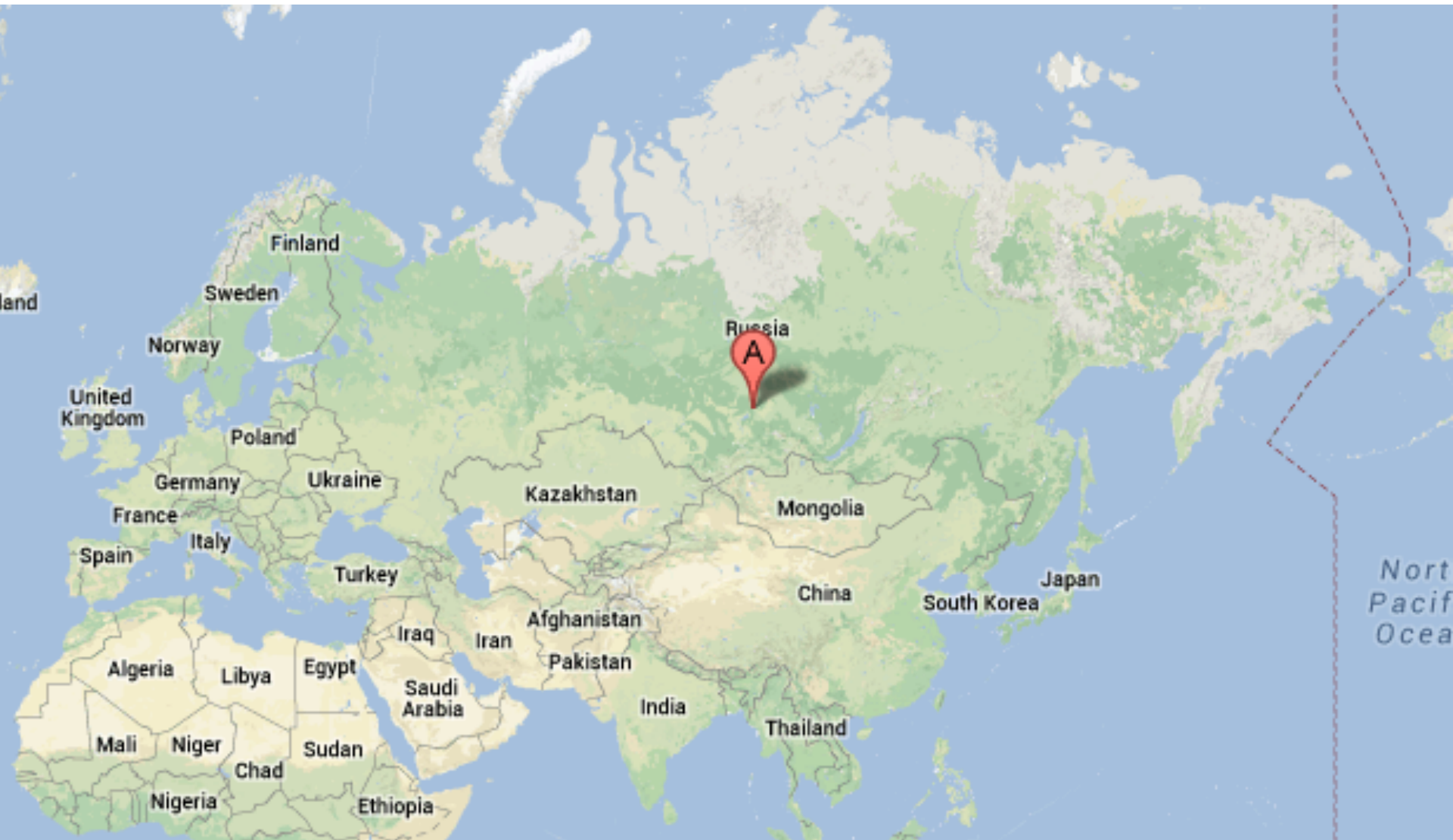
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# **Five Trends of Educational Change: Reshaping the Humanity with Global Network Tools**

# Global Trend #1

**MOOCs = Massive Open Online Courses**

- [coursera.org](https://coursera.org)
  - [edx.org](https://edx.org)
- [udacity.com](https://udacity.com)
- [iversity.org](https://iversity.org)
- ...

Global ed  
market

Global HR  
market

**MOOC  
REVOLUTION**

Global social  
and political  
tools

Global ed  
and HR  
standards

# Global Trend #2

## Self-regulated Educational Online Communities

- social networks
- Skype / Google Hangouts
  - blogs / microblogs
  - YouTube channels
    - forums
    - ...



Share  
ideas and  
experience

Collaborate



Provide  
assistance

Volunteer



# Global Trend #3

## Open Knowledge Bases

- Wikipedia
  - wikis
- social networks
- Q&A sites and forums
  - torrents (?)
  - ...

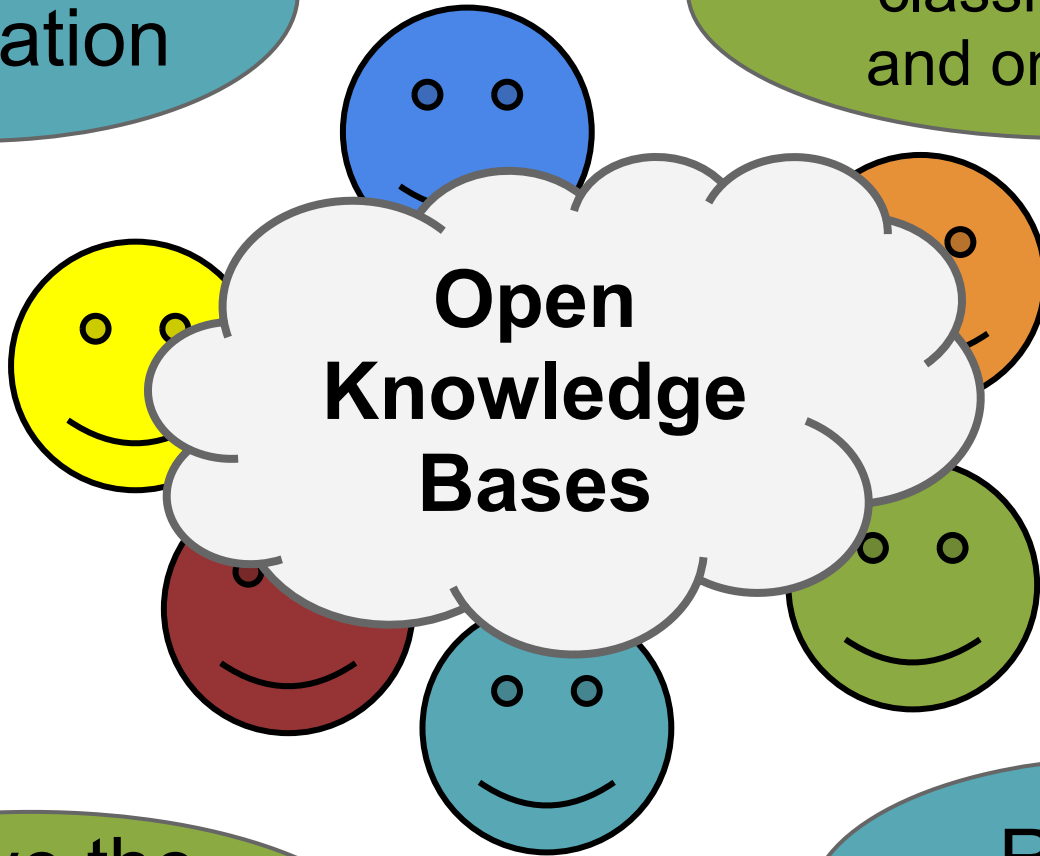
Share  
information

Create common  
classifications  
and ontologies

**Open  
Knowledge  
Bases**

Solve the  
Problem of  
Universals

Rethink  
authorship



# Global Trend #4

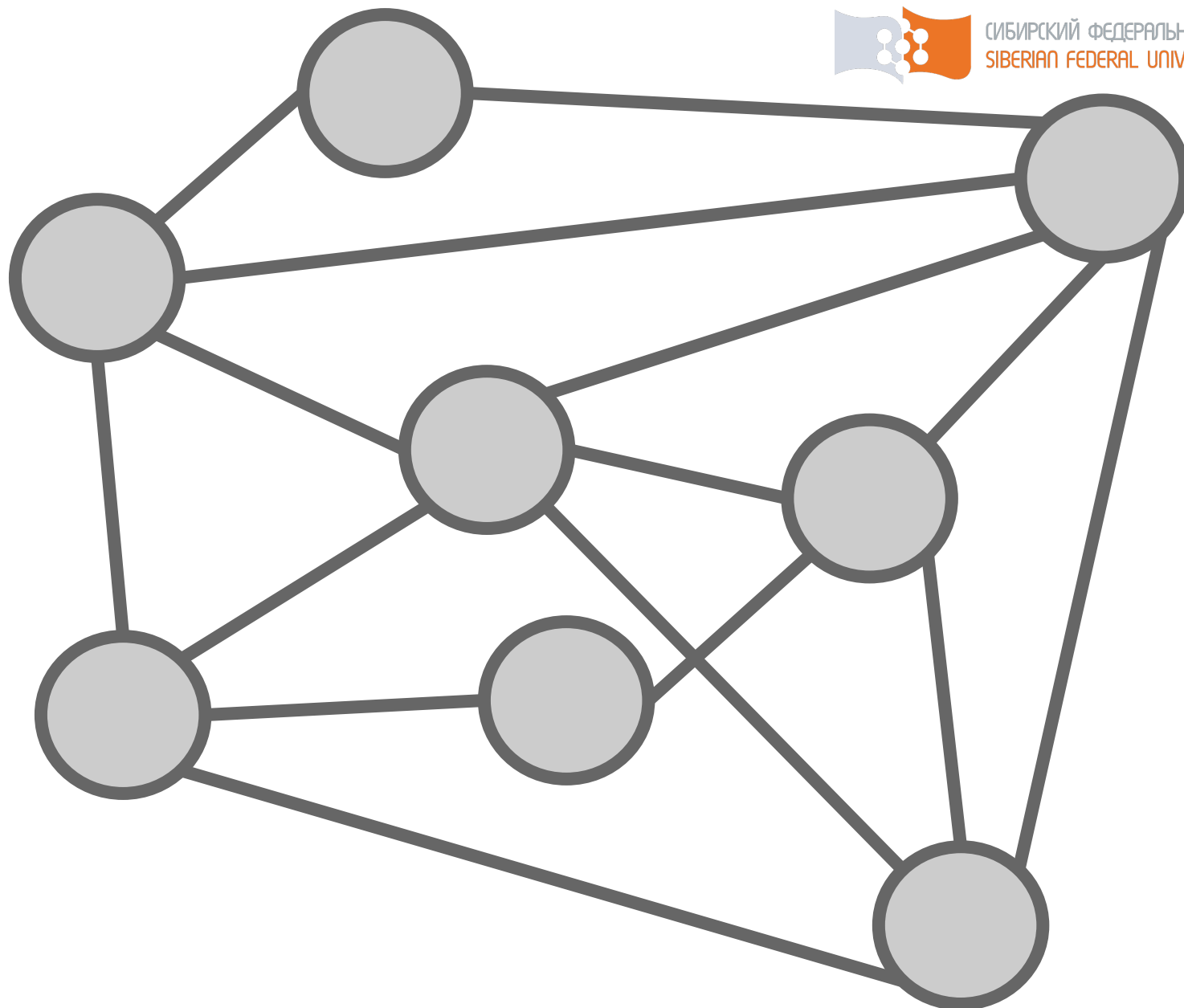
## Connectivism

Stephen Downes

George Siemens



**What is learning?**



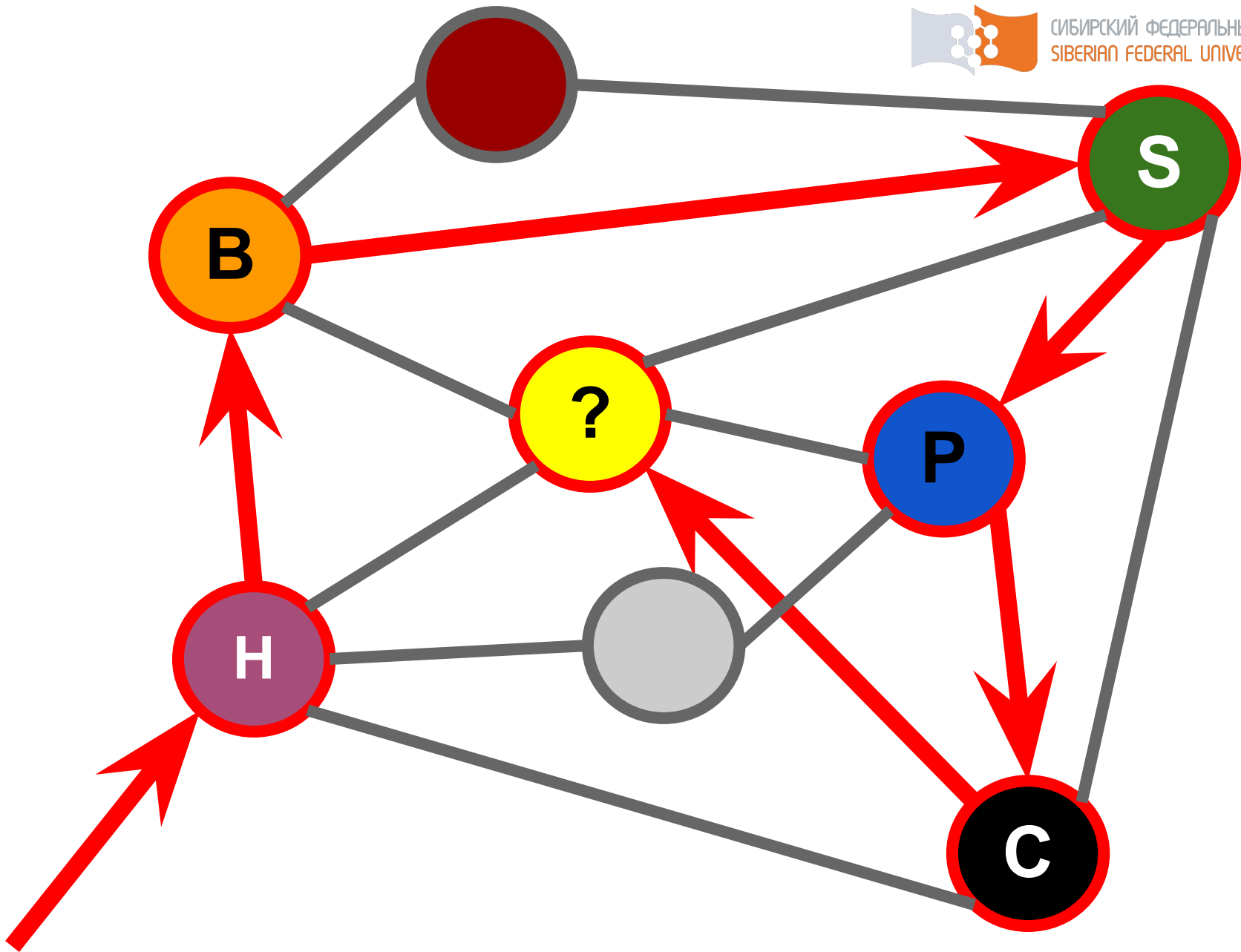


# Global Trend #5

## Education as On-demand Service

- Knowledge from multiple sources
  - Certificates from MOOCs
- Diplomas from schools / universities
- Experience from projects and competitions
  - Sharing ideas via social networks
  - ...

**= Individual Learning Path**



# **The Five Trends**

- 1. MOOCs**
- 2. Self-regulated educational online communities**
- 3. Open knowledge bases**
- 4. Connectivism**
- 5. Education as on-demand service**



# Big Question

**Global trends  
vs  
national systems of education.**

**How can national education survive?**

# Recommendations

1. National educational systems should be involved in MOOCs and initiate international dialogue about global standards
2. Define the place of the global open knowledge bases in learning
3. Utilize of self-regulated online teaching communities in curricula
4. Motivate of students and faculty for global competition
5. Include non-systemic elements of online teaching and learning into certified programs





# Thank you

Спасибо!



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