



Prof. Dr. Ulrich Menzel

Thousand Years of Globalisation in Retrospective





Global Product Development
April 24th, 2013
Technical University of Braunschweig



Definition of Globalisation

globalisation is the intensification and acceleration of transboundary transactions by simultaneous spacial expansion

transboundary transactions can be: trade, finance flows, data flows, migration, letters, emails, tourism, emissions in the environment etc.

intensification means that the transboundary amount grows faster than the specific national amount

acceleration means that due to the technical progress the speed of turnaround increases permanently

spacial expansion means that more and more parts of the world are involved in the process of globalisation

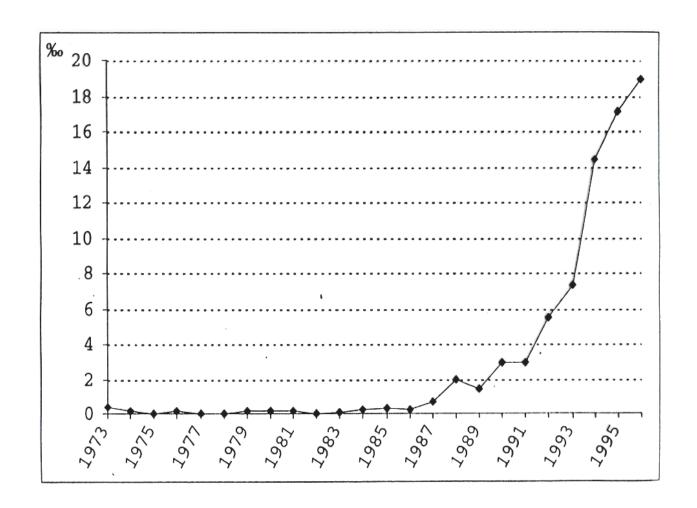
Short Definition of Globalisation

globalisation is the compression of space and time

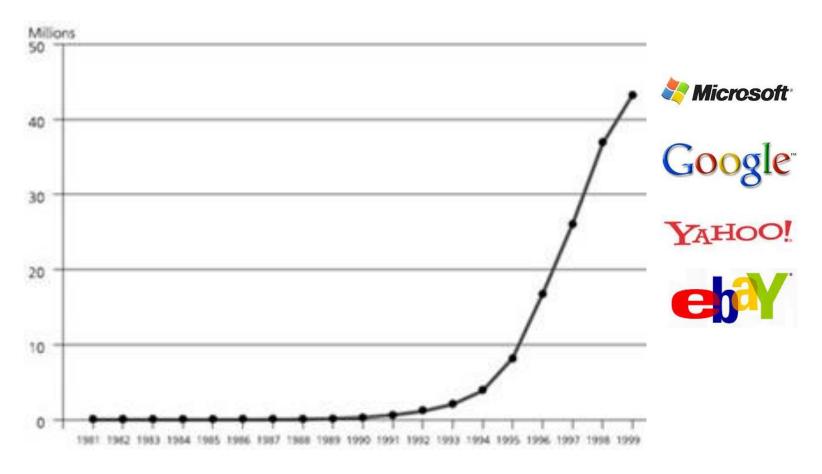
globalisation is not an (actual) stage but an ongoing process

1) 1990s: the term "globalisation" is broadly used in the literature; the internet (world wide web) gains acceptance as a new medium of communication

1) The Use of the Term "Globalisation" in the Literature



1) Development of the Number of Internet Hosts Worldwide



Quelle: Network Wizards; Zahl geschätzt

- 1990s: the term "globalisation" is broadly used in the literature; the internet (world wide web) gains acceptance as a new medium of communication
- 2) September 22nd, 1985: the plaza-accord in New York announces the take-off of the expansion of the financial markets and constitutes the virtual on-screen economy

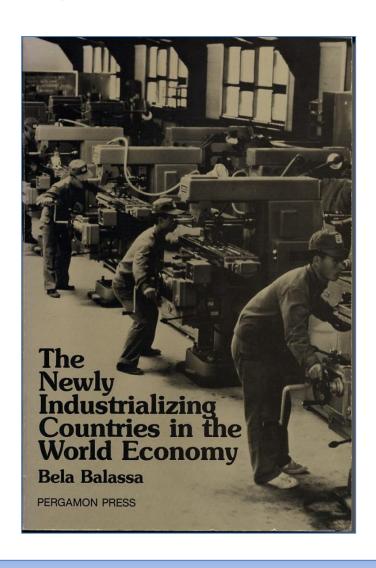
2) The Plaza Hotel in New York – Location of the Plaza-Accord in September 1985

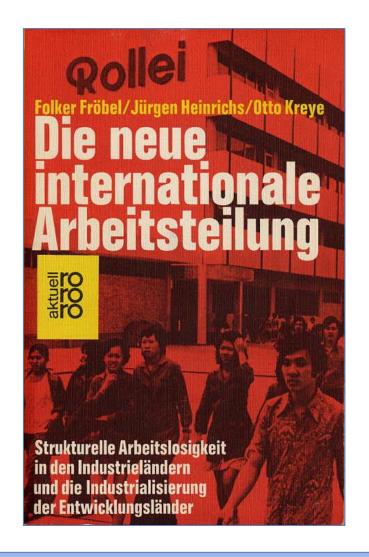




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- 3) 1970s: the rise of the newly industrialising countries in Asia constitutes the new international division of labour between old an new industrial countries

3) The "New International Division of Labour"





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- 4) 1945-1957: global destructive power by atomic bombs and intercontinental missiles; foundation of the New World Order after the Second World War by the United Nations, GATT, International Monetary Fund, World Bank; American occupation forces in Europe and Asia and AFN demonstrate the American way of life all over the world

4) The Globalisation of Destruction 1945-1957



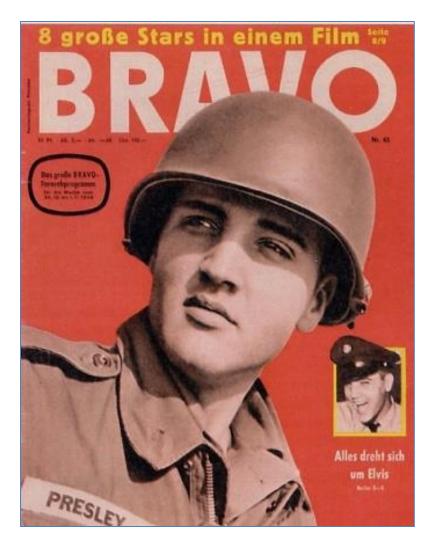


4) The Foundation of the United Nations in San Francisco in June 1945



4) The Arrival of Elvis as GI in Bremerhaven in October 1958



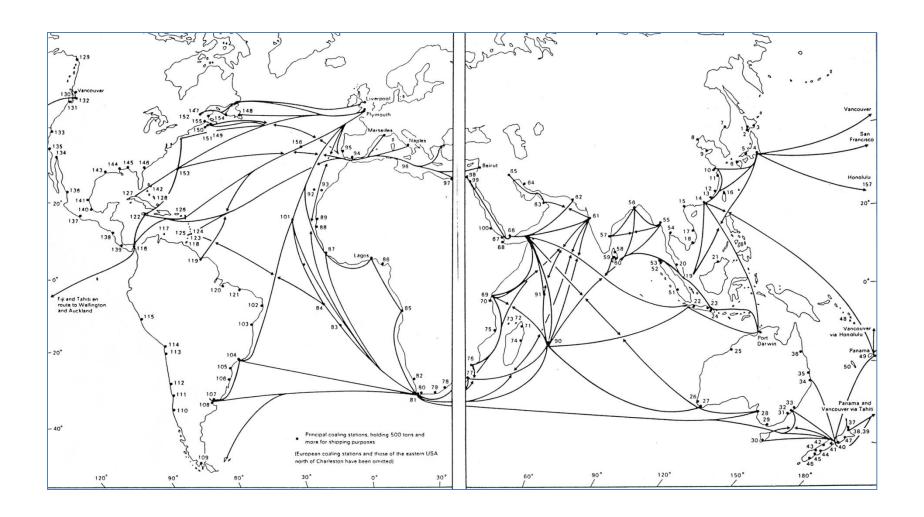


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- 5) 1860-1880: free trade, revolution of transport and old division of labour between producers of raw materials and producers of industrial goods

5) Opening of the Suez Canal in November 1869, Camel on the Trans-Caspian Railroad



5) Routes of British Steamers at the End of the 19th Century



5) Connection of the Transcontinental Railroads at Promontory Point (Utah) in May 1869



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- 6) 1780s: Industrial Revolution, Great Britain becomes "Workshop of the World" and "Ruler of the Seas" since the 1850s

6) David Ricardo, "Father" of the Free Trade Doctrine, "Cotton Day" in New Orleans, Spinning Jenny of 1764



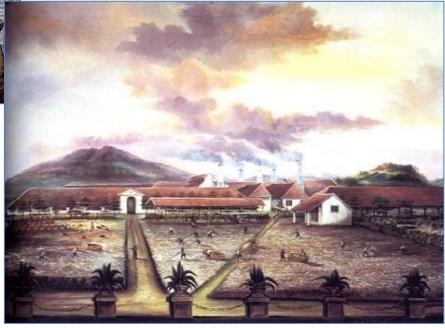
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- 7) 1600-1648: old colonial system, classical international division of labour (luxury goods), first multinational companies, beginning of the Westphalian State System, mercantilism

7) The VOC in Amsterdam, Town Hall in Batavia



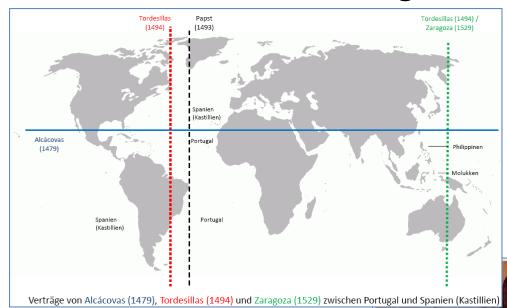
7) Dutch Attack on the Portuguese Colonial Capital of Brasil, Bahia in 1624





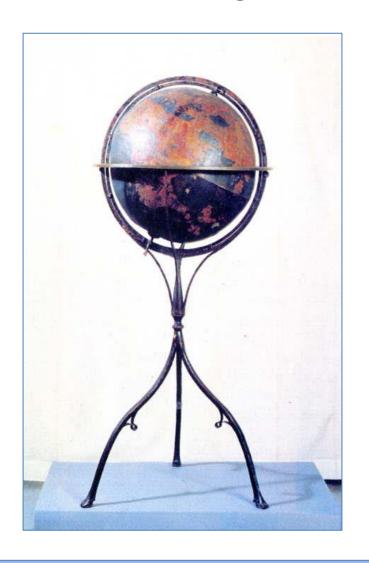
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8) The Demarcation Lines of Alcácovas, Tordesillas and Zaragoza, Treaty of Tordesillas



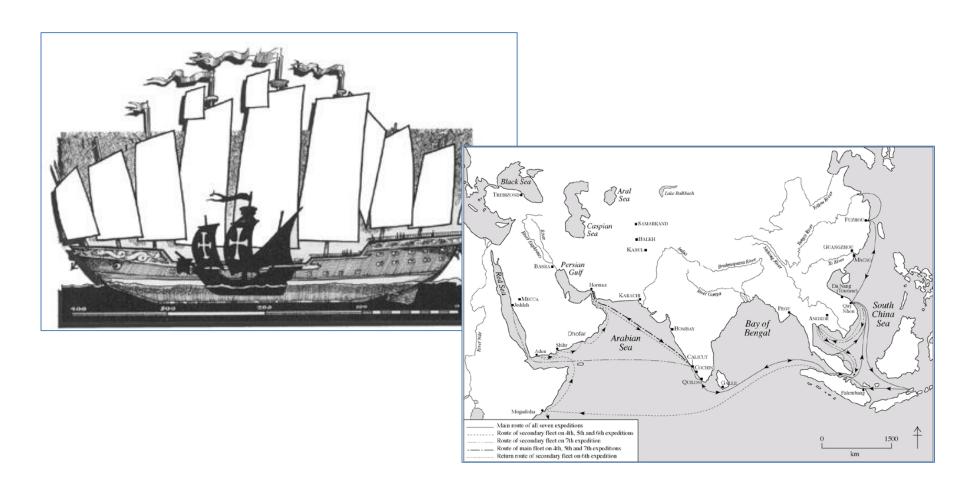
8) First Globe of Martin Behaim from Nuremberg 1491/92



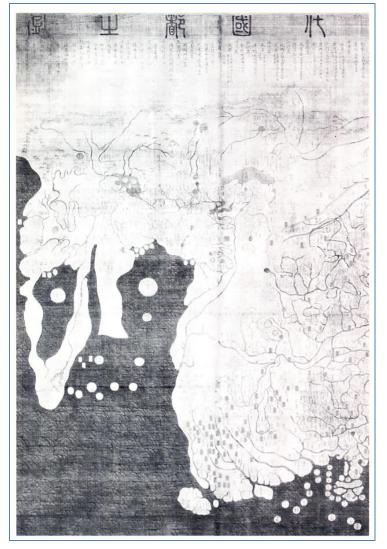


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9) Chinese "Treasure Ship" of Zheng He and "Santa Maria" of Kolumbus, Seven Expeditions of Zheng He

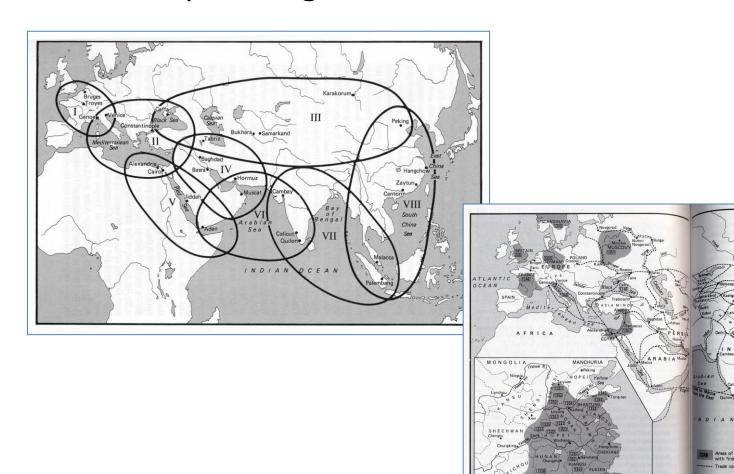


9) Chinese World Map of Ch'uan Chin/ Li Hui (1405)



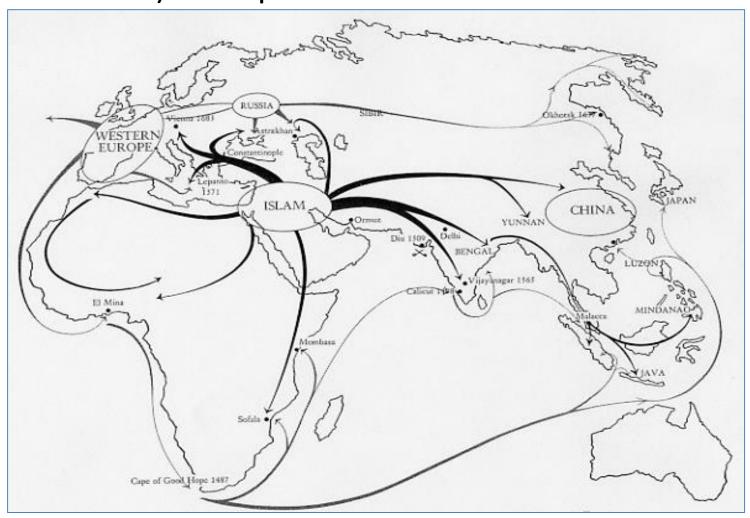
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10) The Old World System before European World Conquest, Spreading of the Pestilence around 1350

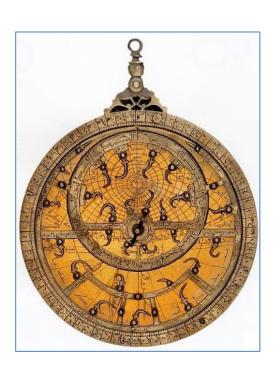


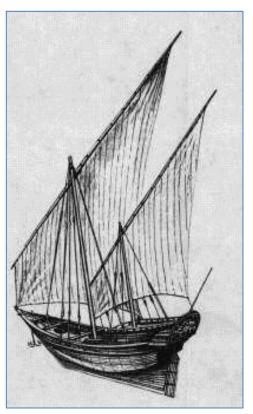
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- 10) 1250: establishment of the Pax Mongolica, global trading network in the Indian Ocean
- 11) 630: Mecca surrenders to Mohammed, spread of the Islam from Spain to the Philippines, East Africa and Central Asia, establishment of the Asian-Arabian-African trading network

11) The Spread of Islam since 630



11) Arabian Astrolabium (North Africa, 14th Century), Model of an Indian Dhau, Caravan







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2)	September 22nd 1985	Plaza-Accord in New York
3)	1970s	New International Division of Labour
4)	1945	Atomic Bomb, US Forces in Europe and Asia, United Nations
5)	1860-1914	Free Trade, Transport Revolution, Old International Division of Labour
6)	1780-1800	Industrial Revolution, Great Britain becomes "Workshop of the World"
7)	1600-1648	Old Colonial System, Westphalian State System, Mercantilism
8)	1492/1494/1498	Modern World System: First Voyage of Columbus, Treaty of Tordesillas, Vasco da Gama reaches Callicut, First European World Maps
9)	1405-1433	7 Expeditions of Zheng He
10)	about 1250	Pax Mongolica, Old Global Trading Network centered in the Indian Ocean
11)	630	Mecca surrenders to Mohammed, Broadening of the Islam, Asian-Arabian-African Trade

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