



# The teleological brake on ICTs in open and distance learning

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## Questions?



## The aim

- **Make you aware of the teleological-ateleological spectrum**
- **Show that teleological alone acts as a brake**
- **Suggest that a combination might be better**
- **Leave questions so you read the paper**



# How do you design?

- You've on a holiday to China/Russia
  - You have 30 days
  - All the money you need
  - Your choice how to use both
- What do you do?

The Captain's Choice Tour is an Australian tour company providing exclusive, all inclusive, personalised tours to remote areas. <http://www.captainschoice.com.au/>

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## The Silk Route By Private Train

[View/Download Itinerary as PDF](#)

There is little that inspires the traveller's imagination as much as the ancient Silk Route – a 2,000 year old trail linking Asia and Europe. The route trodden by Marco Polo and numerous other legendary travellers features such wonders as Xian and the Terracotta Warriors; the Jiayuguan Fort at the end of the Great Wall of China; the extraordinary Mogao Caves at Dunhuang, with the greatest collection of Buddhist sculptures and murals from the 4th to 14th centuries; the oasis city of Turpan, with its colourful Uighur Bazaar and ancient underground irrigation system; Urumchi and the beautiful Heavenly Lake; Almaty in Kazakhstan, surrounded by the Tien Shan Mountains; Tashkent and its fascinating Old Town. Marvel at the three incredible Muslim cities of Samarkand with its spectacular Registan Square; Bukhara featuring stunning mosques, minarets, medreshs and fortresses; and the ancient feudal city of Khiva at the crossroads to Russia, Mongolia, China and Persia. While the journey may present great difficulties to the independent traveller, The Captain's Choice Tour provides the discerning traveller with the opportunity to travel in comfort and safety. Our train comprises the finest sleeping cars available, ornate dining cars and a bar/lounge car. The tour combines accommodation in the best hotels in each city with daytime and, on occasions, overnight travel aboard our train. We invite you to peruse the itinerary and to join us on one of the world's most memorable and remote journeys. Our seven previous tours were most successful and our passengers found this the ideal way to see these amazing sights.

**Beijing to Moscow**  
17 April – 15 May 2005  
29 Days

**Moscow to Beijing**  
16 April – 13 May 2005  
28 Days

**Beijing to Moscow**  
2 April – 1 May 2006  
29 Days

**Moscow to Beijing**  
1 April – 29 April 2006  
28 Days

**Day 1, Sunday, Depart Australia** We depart Australia on Singapore Airlines, via Singapore, to Beijing.

**Day 2, Monday, Beijing (China)** We arrive in Beijing this morning – you will be driven to the superbly restored Beijing Hotel, located close to Tiananmen Square and the Forbidden City and on the corner of Wangfujing Street – Beijing's vibrant pedestrian mall. Today you may choose a complimentary optional tour to the Summer Palace and Temple of Heaven or relax and enjoy the facilities of our hotel. Welcome Dinner at our hotel tonight.

**Day 3, Tuesday, Beijing** Today we undertake a tour to the Great Wall and Tiananmen Square and visit inside the former Imperial Palace, known as the Forbidden City. This evening we take a short walk into Wangfujing Street for a special Peking Duck dinner.

**Day 4, Wednesday, Beijing – Luoyang** After breakfast we join the China Orient Express to commence our 9,800km journey to Moscow. Settle into your comfortable cabin. Our ten hour daytime journey through rural China to Luoyang gives us a chance to get to know our fellow travellers and our Chinese train crew. Lunch and dinner are served in





## Designextremes



Attributes	Teleological	Ateleological
Ultimate purpose	Goal/purpose	Harmony
Intermediate goals	Effect/Efficiency	Homeostasis
Design focus	Ends/results	Means/process
Designers	Explicit designer	Participant
Scope	Part	Whole
Process	Problem solving	Local adaptation
Problems	Complexity/conflict	Time
Management	Centralised	Decentralised
Control	Master plan	Rules/regulators

# CQUOnline - thespectrum



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**CQU Online**  
\* -1999  
\* 35 people  
\* 20% teachers

**Webfuse**  
\* 1996-now  
\* 1000s users  
\* 90+% staff adoption

**WebCT**  
\* 1999-2003  
\* Quizzes as reflective journals

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# ITStrategic Planning



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**Big planning**

**Strategic planning**

**Iterative planning**

**Adaptive organisation**

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# ISDevelopment



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Software development  
life-cycle

Agile  
development  
methodologies

<http://doi.acm.org/10.1145/310930.310984>  
<http://agilemanifesto.org>  
<http://www.agilealliance.org>

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# Programming



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Plan first

Test-driven  
development

<http://www.testdriven.com>  
<http://www.paulgraham.com/hp.html>  
<http://www.itconversations.com/shows/detail164.html>

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# Meta-data

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Taxonomy

Folksonomy

<http://en.wikipedia.org/wiki/Folksonomy>  
<http://en.wikipedia.org/wiki/Taxonomy>

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# Standards

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Top-down standards  
\* IMS, SCORM

Micro-formats

<http://microformats.org>

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