



WORKSHOP on
On-Orbit Servicing of Space Infrastructure Elements
Via Automation & Robotics Technologies

1-2 October 2004
Vancouver - Canada



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What is the Café?



- brings diverse perspectives together to explore questions that matter
- creates new knowledge for future action—quickly
- companies such as Intel, Johnson and Johnson, The World Bank and Coca Cola use it for conferences, strategy development and large systems change

How will the Café work?



- your table host will help you explore the cafe questions and build on each others' ideas
- themed tables, compelling questions
- regular reporting to the large group

Our first Café Question



In your culture,
what are the qualities
of a great conversation?

Qualities of a great conversation



- Listening: knowing when to talk ...and when not to...Perhaps beer helps!
- Sharing
- Different perspectives and different cultural ways of expressing our thoughts / respecting our different points of view
- They influence your future
- Participation / each has their time to speak (like passing a baton) / have balanced participation
- Mutual learning
- Peer knowledge / exchange of ideas
- Reach a consensus
- Entertaining / energizing / enthusiastic...Atmosphere has a big influence! Everyone has the freedom to speak and be taken seriously
- Open, balance, open-mind
- Has substance
- Humour ☺ Fun! Enjoying the conversation / laughter
- Discussing the topics and time, having an agenda
- Emotional involvement through controversy
- Streamline results
- One subject

Café Etiquette



- Focus on what matters
- Contribute your thinking
- Listen to understand and gain new insight
- Link and connect ideas
- Write and draw on the tablecloths



Tables 1 - 3: Non-OOS Solutions

Forget OOS! What non-OOS solutions can we use to maintain, fix or upgrade space assets?

Tables 4 - 6: Lessons Learned in OOS & OOA

Using your lessons learned, what approaches should we use in the future?

Tables 7 - 9: OOS Providers

What infrastructure do we need to build to powerfully take OOS into the future?

Tables 10 - 12: Customers

In the next 15 years, who is the customer and what are their needs?

A graphic for 'The Knowledge Café' featuring a coffee cup with a globe as a handle and a pen resting on a saucer. The text 'The Knowledge Café' is written in a red, cursive font above the graphic.

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The logo for DLR (German Aerospace Establishment), consisting of a stylized four-pointed star shape and the letters 'DLR'.A graphic for 'The Knowledge Café' featuring a coffee cup with a globe as a handle and a pen resting on a saucer. The text 'The Knowledge Café' is written in a red, cursive font above the graphic.

Tables 1 – 4: Technology (host 5, 6, 8, 9)

Tables 5 – 8: Large Space Structures
(host 1, 2, 4, 7)

Tables 9 – 12: Satellite Servicing
(host 3, 10, 11, 12)

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The Knowledge Café

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Developing a set of roadmaps

A ROADMAP FOR THE FUTURE

	Short Term Goals (0 - 5 years)	Medium Term Goals (5 - 10 years)	Long Term Goals (10 - 20 years)
Large Space Structure			
Satellite Servicing			
Technology Capabilities			
Emerging Theme A:			
Emerging Theme B:			

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