

Multilateral international co-operation

An example: The Intelligent Manufacturing Systems initiative

Location: Helsinki, Finland (in the premises of the IST Conference 1999)

An international IMS day (title: Multilateral international co-operation; An example: the Intelligent Manufacturing Systems Initiative) is under preparation by the European IMS Secretariat to be held on November 24, 1999 in the framework of the IST 99 Conference (Exploring the Information Society, People, Business Technology).

IMS is an international agreement signed by Europe and Norway, Australia, Canada, Japan, USA and Switzerland (Korea is about to join) on RTD co-operation in the domain of Intelligent Manufacturing Systems. An international project portfolio has been set up and involves more than 400 organisations world-wide. The IST Conference with many participants from the USA, Japan, Canada, Australia, Israel and the countries of Central and Eastern Europe is the ideal environment to present the achievements of IMS.

The IMS day will aim at drawing attention at the IMS scheme as a tool for global research and development co-operation with its unique IPR provisions. The IMS projects themselves will explain to an interested international public their achievements in solving problems related to global manufacturing and explain the benefits derived from collaborative efforts in the IMS scheme.

After an introduction in strategic issues of the role of manufacturing and related services in modern economies through an eminent scientist, key speakers from the international scientific community will introduce into the relevant subjects of future manufacturing (*IT Enabled Manufacturing, Next Generation Intelligent Equipment, Advanced Design Technologies, Virtual Manufacturing*) and facilitate the contributions of the IMS projects in this regard.

There will be a chance to exchange ideas and to develop new projects e.g. by “internationalising” current European research projects.

The speakers of the IMS day come from practically all IMS regions and all IMS projects were invited to participate. All ongoing research projects with relevance for manufacturing are encouraged to participate in the IMS day.

Programme

24.11 1999

- 08h00 – 09h00 Registration.
- 09h00- 09.30 General Introduction and general aspects of FPV including international co-operation issues by European Commission (speaker: Mrs R. Zobel, Head of Unit, European Commission).
- 09h30 – 10h15 Presentations of strategic issues (role of manufacturing and related services in modern economies or organisation of future manufacturing based industry) (speaker: Prof. T. Hill, London Business School, United Kingdom) followed by 15 minutes discussions/questions and answers.
- 10h30 – 11h30 IMS as an example of international co-operation: IMS Canada achievements and developments in Japan, USA, Canada, Europe (speaker from Japan, USA or IRS) including discussions / questions and answers.
- 11h30 – 12h30 Presentations of the IMS relevant key actions / Common Call Growth / IST/IMS Call (speakers: Mr. B. Salmelin, Head of Unit, European Commission/Mr. H. Pero, Head of Unit, European Commission).

12h30 – 14h00	Lunch	
	IPR Issues	IMS results of international co-operation
14h00 to 15h00	IMS IPR provisions-background and essential elements Speaker: Mr. P. Armarego, Attorney, Australia	IT enabled manufacturing Key Speaker : Prof. Krause, Fraunhofer Institut, Berlin, Germany Project presentations to be selected from: <i>GNOSIS</i> - (Mr. C. De Saint Marie, ILOG Corporation, France ?), <i>MISSION</i> – Mr. K. Mertins, Fraunhofer Institut, Germany <i>HARMONY</i> – Dr. T. Savolainen, CAC Research Oy, Switzerland <i>IF7</i> - Mr. R. Wing, Royal Institute of Technology, Sweden

<p>15h00 to 16h00</p>	<p>IMS IPR provisions:</p> <p>Experience gained:</p> <p>Rapporteur: Mr.B. Falstad, SEMATECH, USA.</p> <p>Speakers from:</p> <p><i>Globeman 21</i> – Mr. H. Okhura, Toyo Engineering Corporation, Japan and Mr. H. Synterä, Ahlstrom Machinery, Belgium</p> <p><i>HARMONY</i> - Dr. T. Savolainen, CAC Research Oy, Switzerland</p> <p><i>3DS</i> - Mr. A. Col, Sollac, France</p> <p>Discussions</p>	<p>Next Generation Intelligent Equipment</p> <p>Key speaker: Mr. J. Suominen, European Commission, Belgium</p> <p>Project presentations to be selected from:</p> <p><i>HMS</i> – Mr. Valckenaers, Softing GmbH, Germany</p> <p><i>MMHS</i> - (?Dr. H. Abdalla, De Monford University, United Kingdom)</p> <p><i>HUMACS</i> - Dr. R. Van Den Berg, Baan Development, The Netherlands</p> <p><i>HIPARMS</i> - Prof. A. Schnülle, IFW, Germany</p> <p><i>INTELLIWOOD</i> - Dr. Polzleitner, Sensotech Forschungs und Entwicklung, Austria</p> <p><i>SIMON</i> – NN, Aachen, Germany</p>
<p>16h00 – 17h00</p>	<p>Virtual Manufacturing</p> <p>Key speaker Integrator:</p> <p>Prof. Westkämper, Fraunhofer IPA, Stuttgart, Germany</p> <p>Project presentations to be selected from:</p> <p><i>Globeman 21</i> - Mr. H. Synterä, Ahlstrom Machinery, Belgium</p> <p><i>NGMS</i> – Dr. P. Bunce, Consortium of Advance Manuf., United Kingdom</p> <p><i>INCOMPRO</i> – Mr. J. Ercolanelli, Systus International, France</p>	<p>Advanced Design Technologies</p> <p>Key speaker: Mr. A. Roumiguier, Matra Datavision, France</p> <p>Project presentations to be selected from:</p> <p><i>RDP</i> - Mr. K. Koch, Fraunhofer Inst, Germany</p> <p><i>3DS</i> - Mr. A. Col, Sollac, France</p> <p><i>IRMA</i> - Mr. J. Saunders, BNFL, United Kingdom</p> <p><i>GLOBAL CAPE OPEN</i> – Mr. B. Braunschweig, IFP, France</p>
<p>17h00 - 18h00</p>	<p>Closed session for select attendance) international meeting: Mr. P. Armarego, Attorney, Australia</p> <p>IPR experience gained, IPR aspects relevant to the mid-term review of IMS</p> <p>Rapporteur: Mr. B. Falstad, Sematech, USA.</p> <p>Recommendations from ISC: possible speaker from IRS, Australia</p>	<p>Open Forum</p> <p>Possibility to present ideas for new projects and to meet new partners (brokerage)</p>