

August 24 – 27, 2003 in Klagenfurt/Austria

J M L C 2 0 0 3 - F i n a l P r o g r a m			
Sunday, 08/24/2003	Monday, 08/25/2003, in HS_B	Tuesday, 08/26/2003, in HS_B	Wednesday, 08/27/2003, in HS_A
	09:00: Opening <i>M. Hitz + L. Böszörményi</i>	09:00 - 10:00: Chair: <i>N. Wirth</i> Javadev Misra , “Computing with Distributed Resources”	
09:00 - 12:30 & 14:00 - 17:00: Location: HS 1 FULL DAY Tutorial on “ The Microsoft .NET Technology ”, Wolfgang Beer, Dietrich Birngruber, Hanspeter Mössenböck, Albrecht Wöb	09:30 - 10:30: Chair: <i>L. Böszörményi</i> Niklaus Wirth , “The Essence of Programming Languages”	10:00 - 10:30: Coffee break	09.30 - 10:30: Chair: <i>L. Böszörményi</i> C.A.R. Hoare , “The Verifying Compiler: A Grand Challenge For Computing Research”
09:00 - 12:30: Location: HS 3 HALF DAY Tutorial on “ Design by Contract and the Eiffel Method ”, Bertrand Meyer	10:30 - 11:00: Coffee break	10:30 - 12:15: Chair: <i>H.P. Mössenböck</i> Session 4: Frameworks and Design Principles 10:30-10:55 J. Gough, D. Corney - Leveraging Managed Frameworks from Modular Languages 10:55-11:20 B. Kirk, S. Doyle, T. Harris, T. Priestley - Systems = Components Languages: Building a flexible real-time simulation and test environment 11:20-11:45 V. Arslan, P. Nienaltowski, K. Arnout - Event Library: an object-oriented library for event-driven design 11:45-12:00 C. Dallermassl, K. Blümlinger, H. Haub, P. Zambelli - Controlling Access to Distributed Object Frameworks 12:00-12:15 T. Frey - Architectural Aspects of a Thread-safe Graphical Component System based on AOS	10:30 - 11:00: Coffee break
	11:00 - 12:45: Chair: <i>B.Meyer</i> Session 1: Architectural Concepts and Education 11:00-11:25 J. Templ - The KITE Application Server Architecture 11:25-11:50 R. Goeckelmann, S. Frenz, M. Schoettner, P. Schulthess - Compiler Support for Reference Tracking in a type-safe DSM 11:50-12:05 H. Zhu, D. Lightfoot - Caste: A Step Beyond Object Orientation 12:05-12:20 P. Roe – Distributed XML Objects 12:20-12:45 F. Tkachov - Programming education: a Russian perspective	12:15 - 14:00: Lunch break, Industrial Demos As special demonstration time, the lunch break will be offered	11.00 - 12.00: Chair: <i>H. Kosch</i> Jim Miller , “Evolving a Multi-Language Object-Oriented Framework: Lessons from .NET”
	12:45 - 14:00: Lunch break		

<p>14:00 - 17:30: Location: HS 4 HALF DAY Tutorial on “C# - The modular language for the 2000s”, Judith Bishop, Nigel Horspool</p> <p>14:00 - 17:30: Location: HS 3 HALF DAY Tutorial on “Trusted components and attempts at proofs”, Bertrand Meyer</p>	<p>14:00 - 15:00: Chair: F. Peschel-Gallee Michael Franz, “Safe Code: It's Not Just For Applets Anymore”</p>	<p>14:00 - 15:30: Chair: J. Gutknecht Session 5: Compilers and Tools 14:00-14:25 A. Wöß, M. Löberbauer, H. Mössenböck - LL(1) Conflict Resolution in a Recursive Descent Compiler Generator 14:25-14:50 U. Hirschrott, A. Krall, B. Scholz - Graph Coloring vs. Optimal Register Allocation for Optimizing Compilers 14:50-15:15 M. Schordan, D. Quinlan - A Source-To-Source Architecture for User-Defined Optimizations 15:15-15:30 P. Reed - An Oberon Linker for an Imperfect World – More Notes on Building Your Own Tools</p>	
<p>17:30 - 18:30: Welcome Reception For all participants of the conference and their attendance. Location: buffet area on level 1</p>	<p>15:00 - 16:35: Chair: F. Peschel-Gallee Session 2: Component Architectures 15:00-15:25 R. Tusch - Towards an Adaptive Distributed Multimedia Streaming Server Architecture Based on Service-oriented Components 15:25-15:50 S. Kent - A layered type system for re-entrance control 15:50-16:05 A. Koltashev - A practical approach to software portability based on strong typing and architectural stratification 16:05-16:20 K. Blümlinger, C. Dallermassl, H. Haub, P. Zambelli - Object Life-Cycle Management in a Highly Flexible Middleware System 16:20-16:35 P. Hnetyuka, P. Tuma - Fighting Class Name Clashes in Java Component Systems</p>	<p>15:30 - 16:00: Coffee break</p>	
<p>18:45 - Guided Tour through Klagenfurt A bus will be available at the University's parking lot West.</p>	<p>16:35 - 17:00: Coffee Break</p>	<p>16:00 - 17:30: Chair: M. Franz Session 6: Formal Aspects and Reflective Programming 16:00-16:25 R. Bates - Language Definition in the Schütz Semantic Editor 16:25-16:50 R. Mittermeir, A. Bollin - Demand-driven Specification Partitioning 16:50-17:15 T. Genssler, V. Kuttruff - Source-to-Source Transformation In The Large 17:15-17:30 G. Kis, J. Orosz, M. Pintér, Z. László, T. Genssler - Metaprogramming Library for the C# Programming Language</p>	
	<p>17:00 - 18:30: Chair: R. Mittermeir Session 3: Language Concepts 17:00-17:25 A. Furfaro, L. Nigro, F. Pupo - Real-Time Systems Development Using Hierarchical State Machines 17:25-17:50 A. Bergel, S. Ducasse, R. Wuyts - Classboxes: A Minimal Module Model Supporting Local Rebinding 17:50-18:15 J. Gutknecht, E. Zueff - Zonnon for .NET A Language and Compiler Experiment 18:15-18:30 C. Heinlein - Safely Extending Procedure Types to Allow Nested Procedures as Values</p>	<p>18:00 - 19:30, in HS_A: Memorial panel in honor of: Dijkstra, Dahl, Nygaard</p>	
	<p>19:30 - Banquet</p>	<p>19:30 - Opening Memorial Exhibition Buffet</p>	