

13th Conference on Software Engineering and Databases (JISBD 2008)
8th Conference on Programming and Computer Languages (PROLE 2008)
Gijón (Spain), October 7-10 2008

PLENARY EVENTS

- Opening JISBD/PROLE 2008.** Room: Anfiteatro. October 8 (9:00h)
- Industry Panel.** Room: Anfiteatro. October 9 (12:30h)
- SISTEDES Plenary Meeting.** Room: Anfiteatro. October 9 (17:30h)
- Closing JISBD/PROLE 2008.** Room: Anfiteatro. October 10 (13:45h)

INVITED TALKS

- Bashar Nuseibeh,** *The five W's (and one "H") of Security: Software Engineering of Secure Systems.* Room: Anfiteatro. October 8. (11:00h)
- Grigore Rosu,** *K: a Rewrite-based Framework for Modular Language Design, Semantics, Analysis and Implementation.* Room: Mirador. October 9 (11:00h)
- Bran Selic,** *Model-Based Software Engineering: Expected and Unexpected Challenges.* Room: Anfiteatro. October 10 (11:00h)

SOCIAL EVENTS

- Welcome Reception.** Llagar “Casa Trabanco”. October 8 (21:00h)
- Gala Banquet.** Somió Park Restaurant. October 9 (21:00h)

SPONSORS



JISBD and PROLE are supported by SISTEDES (Sociedad de Ingeniería del Software y Tecnologías de Desarrollo de Software).

JISBD/PROLE 2008 PROGRAM AT A GLANCE

Tuesday, October 7	
8:30-9:30	<i>Registration</i>
9:30-11:30	Workshops and Tutorial Session 1
11:30-12:00	<i>Coffee Break</i> (Room: Asturias)
12:00-13:45	Workshops and Tutorial Session 2
13:45-15:15	<i>Lunch</i> (Room: Asturias)
15:15-17:00	Workshops Session 3
17:00-17:30	<i>Coffee Break</i> (Room: Asturias)
17:30-19:15	Workshops Session 4

Wednesday, October 8			
8:00-9:00	<i>Registration</i>		
9:00-9:45	Opening JISBD/PROLE 2008 Room: Anfiteatro		
9:45-10:30	JISBD, session 1a. Aspects Room: Anfiteatro Chair: Juan Hernández	JISBD, session 1b. Process Engineering Room: Columnas Chair: Ambrosio Toval	PROLE, session 1. Programación Lógica y Restricciones I Room: Mirador Chair: Jesús Almendros
10:30-11:00	<i>Coffee Break</i> (Room: Asturias)		
11:00-12:30	JISBD Invited Talk I: Bashar Nuseibeh Introduced by Pere Botella Room: Anfiteatro		PROLE, session 2. Programación Lógica y Restricciones II Room: Mirador Chair: Fernando Orejas
12:30-13:45	JISBD, session 2a. Software Product Lines Room: Anfiteatro Chair: Vicente Pelechano	JISBD, session 2b. Information Engineering I Room: Columnas Chair: Nieves Brisaboa	PROLE, session 3. Demos I (Presentación) Room: Mirador Chair: Ginés Moreno
13:45-15:15	<i>Lunch</i> (Room: Asturias)		
15:15-17:00	JISBD, session 3a. Model Engineering I Room: Anfiteatro Chair: Vicente Pelechano	JISBD, session 3b. Formal Methods Room: Columnas Chair: Ernesto Pimentel	PROLE, session 4. Demos II (Presentación) Room: Mirador Chair: Germán Vidal
17:00-17:30	<i>Coffee Break</i> (Room: Asturias)		
17:30-18:45	JISBD. Demos I (Presentations) Room: Anfiteatro	JISBD. Demos II (Presentations) Room: Columnas	PROLE, session 5. Demos III (Demostraciones) Room: Asturias
21:00	<i>Welcome Reception</i> (Llagar "Casa Trabanco")		

	Thursday, October 9		
8:00-9:00	<i>Registration</i>		
9:00-10:30	JISBD, session 4a. Maintenance & Testing Room: Anfiteatro Chair: Yania Crespo	JISBD, session 4b. Information Engineering II Room: Columnas Chair: Rafael Corchuelo	PROLE, session 6. Reescritura I Room: Mirador Chair: Miquel Bertran
10:30-11:00	<i>Coffee Break</i> (Room: Asturias)		
11:00-12:30	JISBD, session 5a. Datawarehouse I Room: Anfiteatro Chair: Jose Riquelme	JISBD, session 5b. Reengineering & Soft. Modernization I Room: Columnas Chair: F. Sánchez-Figueroa	PROLE Invited Talk: Grigore Rosu Room: Mirador
12:30-13:45	Industry Panel Room: Anfiteatro		
13:45-15:15	<i>Lunch</i> (Room: Asturias)		
15:15-17:00	JISBD, session 6a. Quality I Room: Anfiteatro Chair: João Araújo	JISBD, session 6b. Requirements Engineering Room: Columnas Chair: Ana Moreno	PROLE, session 7. Programación Funcional Room: Mirador Chair: Salvador Lucas
17:00-17:30	<i>Coffee Break</i> (Room: Asturias)		
17:30-18:45	SISTEDES Plenary Meeting Room: Anfiteatro		
21:00	<i>Gala Banquet</i> (Somió Park Restaurant)		

	Friday, October 10		
9:00-10:30	JISBD, session 7a. Quality II Room: Anfiteatro Chair: Coral Calero	JISBD, session 7b. Reengineering & Soft. Modernization II Room: Columnas Chair M ^a José Escalona	PROLE, session 8. Análisis de Programas, Verificación y Tipos I Room: Mirador Chair: Ricardo Peña
10:30-11:00	<i>Coffee Break</i> (Room: Asturias)		
11:00-12:30	JISBD Invited Talk 2: Bran Selic Introduced by Isidro Ramos Room: Anfiteatro		PROLE, session 9. Análisis de Programas, Verificación y Tipos II Room: Mirador Chair: Paqui Lucio
12:30-13:45	JISBD, session 8a. Datawarehouse II Room: Anfiteatro Chair: Antonio Vallecillo	JISBD, session 8b. Model Engineering II Room: Columnas Chair: Rafael Corchuelo	PROLE, session 10. Reescritura II Room: Mirador Chair: F. López Fraguas
13:45-14:00	Closing JISBD/PROLE 2008 Room: Anfiteatro		
14:00-15:15	<i>Lunch</i> (Room: Asturias)		

WORKSHOPS AND TUTORIAL

Tuesday, October 7

Workshop on Decision Making in Software Engineering (ADIS, 8th edition)

Roberto Ruiz, Daniel Rodríguez

Room: Herrero

Workshop on Integrating Web Applications (ZOCO, 6th edition)

José Luis Álvarez, José Luis Arjona, Rafael Corchuelo, David Ruiz

Room: Mirador

Workshop on Model Driven Development, MDA and Applications (DSDM, 5th edition)

Vicente Pelechano, Orlando Avila-García, Jordi Cabot, José Raúl Romero

Room: Anfiteatro

Workshop on Software Testing (PRIS, 3th edition)

Claudio de la Riva, Pedro Fernández, Juan Garbajosa, Luis Fernández Sanz, Macario Polo, Javier Tuya

Room: Columnas

Workshop on Autonomic and SELF-adaptive systems (WASELF-*, 1st edition)

Javier Cámara, Carlos Cuesta, Miguel Ángel Pérez-Toledano

Room: Tudela Veguín

Tutorial on Datamart Multidimensional Modelization (DMM). CANCELED

Diego Martín Fernández, Álvaro Galán Zapatera

FULL PROGRAM JISBD 2008

Wednesday, October 8

8:00 – 9:00	Registration
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9:00 – 9:45	Opening JISBD/PROLE 2008	Room: Anfiteatro
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9:45 – 10:30	JISBD, session 1a. Aspects	Room: Anfiteatro Chair: Juan Hernández
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Analysis of Modularity by an Aspect-Oriented Measurement Process

José M. Conejero, Juan Hernández, Elena Jurado, Klaas Berg

AAJ: Un Lenguaje de Descripción Arquitectónica OA (Short)

María Botón, Amparo Navasa

9:45 – 10:30	JISBD, session 1b. Process Engineering	Room: Columnas Chair: Ambrosio Toval
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Automating the Software Process Management

Javier Berrocal, José Manuel García, Juan Manuel Murillo

An Ontology for IT Services (Short)

Jorge Freitas, Anacleto Correia, Fernando Brito e Abreu

10:30 – 11:00	Coffee Break	Room: Asturias
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11:00 – 12:30	JISBD Invited Talk 1	Introduced by Pere Botella Room: Anfiteatro
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The five W's (and one "H") of Security: Software Engineering of Secure Systems

Bashar Nuseibeh

12:30 – 13:45	JISBD, session 2a. Software Product Lines	Room: Anfiteatro Chair: Vicente Pelechano
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Generación Automática de Casos de Prueba en Líneas de Producto

Pedro Reales Mateo, Beatriz Pérez Lamancha, Macario Polo Usaola

Gestión de la Variabilidad de los Requisitos de Seguridad en Líneas de Producto Software

Daniel Mellado, Eduardo Fernández-Medina, Mario Piattini

Feature Oriented Model Driven Development: A Case Study for Portlets (Dissemination)

Salvador Trujillo, Don Batory, Oscar Díaz

12:30 – 13:45	JISBD, session 2b. Information Engineering I	Room: Columns Chair: Nieves Brisaboa
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Clasificación de Imágenes en el Sistema Qatris Imanager Mediante Regresión Logística Bayesiana

Inés Horrillo, Manuel Barrena

DEX: High-Performance Exploration on Large Graphs for Information Retrieval (Dissemination)

Norbert Martínez Bazán, Victor Muntés Mulero, Sergio Gómez Villamor, Jordi Nin, Mario A. Sánchez Martínez, Josep L. Larriba Pey

Introducing Structure Management in Automatic Reference Resolution: An XML-Based Approach (Dissemination)

M. Mercedes Martínez González, Pablo de la Fuente

13:45 – 15:15	Lunch	Room: Asturias
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15:15 – 17:00	JISBD, session 3a. Model Engineering I	Room: Anfiteatro Chair: Vicente Pelechano
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Análisis de Series Temporales Dirigido por Modelos Conceptuales sobre Datos Multidimensionales

Jose Zubcoff, Jesús Pardillo, Juan Trujillo

Construcción de Modelos Lógicos Multidimensionales Seguros para su Implementación en Herramientas OLAP Mediante MDA y QVT (Short)

Carlos Blanco, Ignacio García-Rodríguez de Guzmán, Eduardo Fernández-Medina, Juan Trujillo, Mario Piattini

Desarrollo de Almacenes de Datos Espacio Temporales Dirigido por Modelos (Short)

Octavio Glorio, Juan Trujillo

Generating Domain Specific Aspect Code for Navigation from Platform Specific Models in MWACSL (Short)

Antonia M. Reina Quintero, Miguel Toro, Jesús Torres Valderrama

Building Domain-Specific Languages for Model-Driven Development (Dissemination)

Jesús Sánchez Cuadrado, Jesús García Molina

15:15 – 17:00	JISBD, session 3b. Formal Methods	Room: Columnas Chair: Ernesto Pimentel
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Modelling Mash-Up Resources

Iván Pérez, Ángel Herranz, Susana Muñoz, Juan José Moreno-Navarro

Optimizando el Funcionamiento del Algoritmo FOIL. Aplicación a la Extracción de Información de la Web
Pablo Palacios, José Arjona, José Álvarez, Iñaki Fernández de Viana

Towards the Correctness Verification of Business Processes Modelled with UML

Luis E. Mendoza, Manuel I. Capel, Kawtar Benhazi A.

Run-time Composition and Adaptation of Mismatching Behavioural Transactions (Dissemination)

Javier Cámara, Gwen Salaün, Carlos Canal

17:00 – 17:30	<i>Coffee Break</i>	Room: Asturias
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17:30 – 18:45	JISBD. Demos I (Presentations)	Room: Anfiteatro
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Espora

David Musat, Jennifer Pérez, Pedro P. Alarcón, Agustín Yagüe

RUX-tool

Marino Linaje, Juan Carlos Preciado, Fernando Sánchez-Figueroa, Rober Morales-Chaparro, David Gordillo, Fernando Sánchez-Herrera

AO-ADL Tool suite

Mónica Pinto, Lidia Fuentes, Luis Fernández, Juan A. Valenzuela

FAMA FW

Pablo Trinidad, David Benavides, Antonio Ruiz-Cortés, Sergio Segura

17:30 – 18:45	JISBD. Demos II (Presentations)	Room: Columnas
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ProSÉ

Ernesto Jiménez-Ruiz, Bernardo Cuenca Grau, Ulrike Sattler, Thomas Schneider, Rafael Berlanga

StateML

Diego Alonso, Cristina Vicente-Chicote, Bárbara Álvarez

REMM-Studio+

Begoña Moros, Cristina Vicente-Chicote, Ambrosio Toval

Active Rules DBX

Eugênio de O. Simonetto, Jéferson Kasper, Giovanni R. Librelotto

21:00	<i>Welcome Reception. Llagar “Casa Trabanco”</i>	
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Thursday, October 9

8:00 – 9:00	<i>Registration</i>	
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9:00 – 10:30	JISBD, session 4a. Maintenance & Testing	Room: Anfiteatro Chair: Yania Crespo
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Agil_MANTEMA: Una Metodología de Mantenimiento de Software para Pequeñas Organizaciones

Francisco J. Pino, Francisco Ruiz, Jorge Triñanes, Félix García, Mario Piattini

Priorización del Valor de Artefactos Software Basada en la Frecuencia de Uso

Daniel Cabrero, Javier Garzás, Mario Piattini

Identificación de Fallos en Módulos Software Utilizando Técnicas de Minería de Datos

José C. Riquelme, Roberto Ruiz, Daniel Rodríguez, Jesús S. Aguilar-Ruiz

9:00 – 10:30	JISBD, session 4b. Information Engineering II	Room: Columnas Chair: Rafael Corchuelo
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Efficient Retrieval of Ontology Fragments Using an Interval Labeling Scheme

Victoria Nebot, Rafael Berlanga

Un Modelo para el Análisis y Explotación de Información Cognitiva en Repositorios Documentales

Miguel A. Martínez-Prieto, Joaquín Adiego, Pablo de la Fuente

Un Prototipo para la Consulta sobre Documentos Transformados con LZCS

Joaquín Adiego, Gonzalo Navarro, Pablo de la Fuente

10:30 – 11:00	<i>Coffee Break</i>	Room: Asturias
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11:00 – 12:30	JISBD, session 5a. Data Mining, Streaming & Datawarehouse I	Room: Anfiteatro Chair: Jose Riquelme
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Hacia la Implementación Automática de Almacenes de Datos Seguros en Herramientas OLAP

Carlos Blanco, Ignacio García-Rodríguez de Guzmán, Eduardo Fernández-Medina, Juan Trujillo, Mario Piattini

Reconciling Requirement-Driven Data Warehouses with Data Sources via Multidimensional Normal Forms (Dissemination)

Jose-Norberto Mazón, Juan Trujillo, Jens Lechtenbörrger

11:00 – 12:30	JISBD, session 5b. Reengineering & Software Modernization I	Room: Columnas Chair: F. Sánchez-Figueroa
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Reverse Engineering of OO Constructs in Object-Relational Database Schemas

Jordi Cabot, Cristina Gómez, Elena Planas, M. Elena Rodríguez

Zentipede: Una Contribución a la Renovación de la Gestión del Proceso Software (Short)

José Manuel García Alonso, José Javier Berrocal, Juan Manuel Murillo Rodríguez

12:30 – 13:45	Industry Panel	Room: Anfiteatro
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13:45 – 15:15	<i>Lunch</i>	Room: Asturias
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15:15 – 17:00	JISBD, session 6a. Quality, Measurement & Estimation of Products & Processes I	Room: Anfiteatro Chair: João Araujo
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Una Metodología Basada en ISO/IEC 15939 para la Elaboración de Planes de Medición de Calidad de Datos

Eugenio Verbo, Ismael Caballero, Ricardo Pérez, Coral Calero, Mario Piattini

Metodologías para Definir Programas de Medición en PyMEs: El Marco MIS-PyME

María Díaz-Ley, Félix García, Mario Piattini

Visualización de la Usabilidad de Componentes Software

M^a Ángeles Moraga, Sergio Susin, Virginia Arcos, Coral Calero

Aportaciones de una Visualización Metafórica al Análisis de Proyectos Software

Amaia Aguirregoitia Martínez, J.Javier Dolado Cosín

15:15 – 17:00	JISBD, session 6b. Requirements Engineering	Room: Columnas Chair: Ana Moreno
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Revisiones Sistemáticas: Recomendaciones para un Proceso Adecuado a la Ingeniería del Software
Oscar Dieste, Anna Grimán, Marta López

Metodologías Ágiles desde la Perspectiva de la Especificación de Requisitos Funcionales y No Funcionales
Pilar Rodríguez, Agustín Yagüe, Pedro P. Alarcón, Juan Garbajosa

Metamodelo y Perfil UML para el Modelado Orientado a Metas de Requisitos Medibles
Fernando Molina, Jesús Pardillo, Cristina Cachero, Ambrosio Toval

Un Simulador para la Enseñanza de la Elicitación de Requisitos en el Contexto del Desarrollo Global del Software (Short)
Miguel Romero, Aurora Vizcaíno, Mario Piattini

Determining Criteria for Selecting Software Components: Lessons Learned (Dissemination)
Juan Pablo Carvallo, Xavier Franch, Carme Quer

17:00 – 17:30	<i>Coffee Break</i>	Room: Asturias
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17:30 – 18:45	SISTEDES Plenary Meeting	Room: Anfiteatro
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21:00	<i>Gala Banquet. Somió Park Restuarant</i>	
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Friday, October 10

9:00 – 10:30	JISBD, session 7a. Quality, Measurement & Estimation of Products & Processes II	Room: Anfiteatro Chair: Coral Calero
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Aplicación de las Técnicas de Modelado y Simulación en la Gestión de la Capacidad de los Servicios TI
Elena Orta, Mercedes Ruiz, Miguel Toro

Measure Assessment for Heterogeneous XML Collections
María Pérez, Ismael Sanz, Rafael Berlanga

Una Comparación de ESBs desde la Perspectiva de la Integración de Aplicaciones (Short)
Rafael Corchuelo, Rafael Frantz, Jesús González

Guidelines for Eliciting Usability Functionalities (Dissemination)
Natalia Juristo, Ana María Moreno, María Isabel Sánchez Segura

9:00 – 10:30	JISBD, session 7b. Reengineering and Software Modernization II	Room: Columnas Chair: M ^a José Escalona
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Refactorizaciones en la Migración del Software (Short)
Raúl Marticorena, Yania Crespo, Carlos López

Diseño Evolutivo de Bases de Datos XML (Short)
Carlos Nilo, Cecilia Reyes, Jose Marti

Engineering Rich Internet Application User Interfaces over Legacy Web Models (Dissemination)
Mario Linaje, Juan Carlos Preciado, Fernando Sánchez Figueroa

From Wrapping to Knowledge (Dissemination)

José Luis Arjona, Rafael Corchuelo, David Ruiz, Miguel Toro

10:30 – 11:00	<i>Coffee Break</i>	Room: Asturias
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11:00 – 12:30	JISBD Invited Talk 2	Introduced by Isidro Ramos Room: Anfiteatro
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Model -Based Software Engineering: Expected and Unexpected Challenges

Bran Selic

12:30 –13:45	JISBD, session 8a. Data Mining, Streaming and Datawarehouse II	Room: Anfiteatro Chair: Antonio Vallecillo
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Una aproximación Basada en Diagramas de Actividades de UML para el Modelado Conceptual de Procesos ETL en Almacenes de Datos

Lilia Muñoz, José-Norberto Mazón, Jesús Pardillo, Juan Trujillo

MeCADi*: un Marco Orientado a Objetivos para el Modelado de la Calidad en Almacenes de Datos

Cristina Cachero, Jesús Pardillo, Jose-Norberto Mazón, Juan Trujillo

Impacto de las Multiplicidades en la Resolución de Problemas de Sumarizabilidad para OLAP (Short)

José-Norberto Mazón, Jens Lechtenbörger, Juan Trujillo

12:30 –13:45	JISBD, session 8b. Model Engineering II	Room: Columns Chair: Rafael Corchuelo
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Una Aproximación Dirigida por Modelos para el Desarrollo de Esquemas XML

Verónica Bollati, Juan Vara, Belén Vela, Esperanza Marcos

Generación de Metadatos OLAP Dirigida por Modelos sobre Almacenes de Datos

Juan Trujillo, Jesús Pardillo, José-Norberto Mazón

Developing Secure Data Warehouses with a UML Extension (Dissemination)

Eduardo Fernández Medina, Juan Trujillo, Rodolfo Villaroel, Mario Piattini

13:45 – 14:00	Closing JISBD/PROLE 2008	Room: Anfiteatro
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14:00 – 15:15	<i>Lunch</i>	Room: Asturias
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FULL PROGRAM PROLE 2008

Wednesday, October 8

8:00 – 9:00	<i>Registration</i>	
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9:00 – 9:45	Opening JISBD/PROLE 2008	Room: Anfiteatro
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9:45 – 10:30	PROLE, session 1. Programación Lógica y Restricciones I	Room: Mirador Chair: Jesús Almendros
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A Logic of Graph Constraints

F. Orejas, H. Ehrig y U. Prange

Qualified Logic Programming with Bivalued Predicates

10:30 – 11:00	Coffee Break	Room: Asturias
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11:00 – 12:30	PROLE, session 2. Programación Lógica y Restricciones II	Room: Mirador Chair: Fernando Orejas
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A Generalization of the Folding Rule for the Clark-Kunen Semantics

Javier Álvarez y Paqui Lucio

A Framework for Model Transformation in Logic Programming

Jesús M. Almedros Jiménez y Luis Iribarne

Bousi-Prolog: a Prolog Extension Language for Flexible Query Answering

Pascual Julián-Iranzo, Clemente Rubio-Manzano y Juan Gallardo-Casero

Thresholded Tabulation in a Fuzzy Logic Setting

Pascual Julián-Iranzo, Jesús Medina, Ginés Moreno y Manuel Ojeda-Aciego

12:30 – 13:45	PROLE, session 3. Demos I (Presentación)	Room: Mirador Chair: Ginés Moreno
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Static Analysis of JAVA Programs in a Rule-based Framework

M. Alpuente, M.A.Fellú, C. Joubert y A. Villanueva

A Tool for Automated Certification of Java Source Code in Maude

M. Alba-Castro, M. Alpuente, S. Escobar, P. Ojeda y D. Romero

A Coding Rule Conformance Checker Integrated into GCC

G. Marpons, J. Mariño, M. Carro, A. Herranz, L-A. Fredlund, J.J. Moreno-Navarro y A. Polo

13:45 – 15:15	Lunch	Room: Asturias
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15:15 – 17:00	PROLE, session 4. Demos II (Presentación)	Room: Mirador Chair: Germán Vidal
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TILC: The Interactive Lambda-Calculus Tracer

David Ruiz y Mateu Villaret

FLOPER, a Fuzzy Logic Programming Environment for Research

Pedro J. Morcillo y Ginés Moreno

A Learning Algorithm for Deterministic Finite Automata using JFLAP

Mikel Alecha Montserrat Hermo

Diapter: Automatic Adapter Specification for Software Composition

José Antonio Martín y Ernesto Pimentel

Web Services and Interoperability for the Maude Termination Tool

Francisco Durán, Salvador Lucas, José Meseguer y Francisco Gutiérrez

A Tool to Filter Web Pages Information

Josep Silva

17:00 – 17:30	Coffee Break	Room: Asturias
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17:30 – 18:45	PROLE, session 5. Demos III (Demostración en Paralelo)	Room: Asturias
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21:00	<i>Welcome Reception. Llagar “Casa Trabanco”</i>
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Thursday, October 9

8:00 – 9:00	<i>Registration</i>
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9:00 – 10:30	PROLE, session 6. Reescritura I	Room: Mirador Chair: Miquel Bertran
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Methods for Proving Termination of Rewriting-based Programming Languages by Transformation

Francisco Durán, Salvador Lucas y José Meseguer

Rewriting and Call-time choice: the HO Case

F. López-Fraguas, J. Rodríguez-Hortala, J. Sánchez-Hernández

Using Context-Sensitive Rewriting for Proving Innermost Termination of Rewriting

Beatriz Alarcón y Salvador Lucas

10:30 – 11:00	<i>Coffee Break</i>	Room: Asturias
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11:00 – 12:30	PROLE Invited Talk	Room: Mirador
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K: a Rewrite-based Framework for Modular Language Design, Semantics, Analysis and Implementation
Grigore Rosu

12:30 – 13:45	Industry Panel	Room: Anfiteatro
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13:45 – 15:15	<i>Lunch</i>	Room: Asturias
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15:15 – 17:00	PROLE, session 7. Programación Funcional	Room: Mirador Chair: Salvador Lucas
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A Certified Implementation of a Functional Virtual Machine on top of the Java Virtual Machine
Ricardo Peña y Delfín Rupérez

A Simple Region Inference Algorithm for a First-Order Functional Language
Manuel Montenegro, Ricardo Peña y Clara Segura

Size-change Analysis of Higher-Order Functional Logic Programs

Gustavo Arroyo, Salvador Tamarit, J. Guadalupe Ramos y Germán Vidal

17:00 – 17:30	<i>Coffee Break</i>	Room: Asturias
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17:30 – 18:45	SISTEDES Plenary Meeting	Room: Anfiteatro
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21:00	<i>Gala Banquet. Somió Park Restuarant</i>
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Friday, October 10

9:00 – 10:30	PROLE, session 8. Análisis de Programas, Verificación y Tipos I	Room: Mirador Chair: Ricardo Peña
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Towards Modular Interpretive Decompilation of Low-Level Code to Prolog

Miguel Gómez-Zamalloa, Elvira Albert y Germán Puebla

Cost Relation Systems: A Language-Independent Target Language for Cost Analysis

Elvira Albert, Puri Arenas, Samir Genaim y German Puebla

Model Checking C Programs with Dynamic Memory Allocation

María del Mar Gallardo, Pedro Merino y David Sanán

10:30 – 11:00	<i>Coffee Break</i>	Room: Asturias
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11:00 – 12:30	PROLE, session 9. Análisis de Programas, Verificación y Tipos II	Room: Mirador Chair: Paqui Lucio
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The Context-Sensitive Synchronized Control Flow Graph and its Use for Slicing CSP

M. Leuschel, M. Llorens, J. Oliver, J. Silva y S. Tamarit

A Graph Types based Logic to Verify Programs with Dynamic Structures

María del Mar Gallardo, Pedro Merino y David Sanán

Supporting both Static and Dynamic Typing

Francisco Ortín y José Baltasar García Pérez-Schofield

12:30 – 13:45	PROLE, session 10. Reescritura II	Room: Mirador Chair: F. López Fraguas
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A Hybrid Approach to Polynomial Constraint Solving for Termination Tools

Salvador Lucas, Raquel Montagut, Rafael Navarro-Marset y Miguel A. Salido

Declarative Debugging of Rewriting Logic Specifications

R. Caballero, N. Martí-Oliet, A. Riesco y A. Verdejo

Symbolic Model Checking of Infinite-State Systems Using Narrowing (Extended Abstract)

Santiago Escobar y José Meseguer

13:45 – 14:00	Closing JISBD/PROLE 2008	Room: Anfiteatro
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14:00 – 15:15	<i>Lunch</i>	Room: Asturias
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