

# ASAI 2006 Program

**Monday 4<sup>th</sup>**  
(Magna Room)

**9:00 – Registration**

**11:00 – Technical Session 1: Plan Recognition**

- A Bayesian Networks Approach to Plan Recognition for Interface Agents – M. Armentano, A. Amandi
- Supporting Interleaved Plans in Learning Hierarchical Plan Libraries for Plan Recognition – M. Marchetta, R. Forradellas

Moderator: Silvia Schiaffino

**12:00 Lunch**

**14:00 Invited Talk**

Computação Aplicada à Medicina, Alguns Desafios Relacionados à Extração de Conhecimento a partir de Bases de Dados Médicas – Dra. Hwei Diana Lee

**15:00 Coffee Break**

**15:30 Technical Session 2: Machine Learning and Data Mining I**

- A methodology for identifying interesting association rules by combining objective and subjective measures – R. Sinoara, S. Rezende
- A Comparison of Methods for Rule Subset Selection Applied to Associative Classification – G. Batista, C. Milaré, R. Prati, M. C. Monard

Moderator: Marcelo Armentano

**16: 30 Coffee Break**

**17:00 Technical Session 3: Ant Colony Optimization**

- Aplicación de Optimización de Enjambre de Partículas al Problema del Cajero Viajante bi-objetivo – J. Molinari, B. Barán
- Equipo distribuido de algoritmos ACO multi-objetivos – J. Paciello, H. Martínez, B. Barán
- A Constructive Hybrid Algorithm for Crew Pairing Optimization – B. Crawford, C. Castro, Eric Monfroy

**18:30 Technical Session 4: Argumentative Systems**

- A Semantics for Argumentative Systems – A. Stankevicius, G. Simari

## **Tuesday 5<sup>th</sup>**

(Plumerillo Room)

### **9:00 Invited Talk**

**Intelligent Tutoring Systems - Dra. Ivón Arroyo**

### **10:00 Coffee Break**

### **10:30 WAIFE 2006 – Workshop Artificial Intelligence for Education**

- Um framework para Apoio ao Encino de Algoritmos de Busca de Arvore de Soluções para Problemas de Inteligência Artificial – M. Simoes, M. Pereira
- Entrenamiento de Estudiantes en la Práctica de Destrezas Colaborativas – R. Costaguta
- Modelo del Alumno para Sistemas de Aprendizaje Colaborativa – E. Durán
- Un modelo de negociación multilateral para la resolución colaborativa de ejercicios – A. Monteserín, A. Amandi
- Asistiendo a Tutores Humanos en Ambientes de Trabajo Colaborativo a Distancia – A. Casamayor, A. Amandi, M. Campo
- Aplicação do KDD na Identificação de Perfis de Desempenho Acadêmico – J. Cabral, A. Brun, R. Pereira, S. Rocha
- A Multiagent Approach to Educational Resources Retrieval – A. Casali, C. Deco, C. Bender, R. Motz

Moderator: Silvia Schiaffino

### **13:00 Lunch**

### **14:00 Technical Session 5: Machine Learning and Data Mining II**

- Una técnica de Aprendizaje por Refuerzo para la resolución de problemas complejos – F. Paganelli, P. Otamendi, Andreas Matt
- A Simple Evaluation Model for Feature Subset Selection Algorithms – H. Lee, M. C. Monard, R. Voltolini, R. Prati, F. Chung Wu
- A classification approach for heterotic performance prediction based on molecular marker data – L. Ornella, E. Tapia
- Preliminary results on Masquerader Detection using Compression Based Similarity Metrics – M. Bertacchini, P. Fierens

Moderator: Silvia Schiaffino

### **16:00 Coffee Break**

### **16:30 Technical Session 6: Evolutionary Computation**

- Programación Genética y Métodos Numéricos en Regresión Simbólica – R. Cecchini, G. Vazquez, N. Brignole

- A Fuzzy Approach to Control Genetic Algorithm Parameters – F. Brito, A. Teixeira, O. Teixeira, R. Oliveira

Moderator: Ariel Monteserín

**17:30 Session 7: Ontologies**

- A Review of Common Problems in Linguistic Resources and a New Way to Represent Ontological Relationships – A. Vaquero Sánchez, F. Álvarez Montero, F. Sáenz Pérez