

REV-2014

Remote Engineering & Virtual Instrumentation

26-28 FEBRUARY PORTO, PORTUGAL

POSTER SESSION 26TH FEBRUARY 4-5 PM - Room A202 BEST POSTER AWARD RESULTS

The selection process for the BEST POSTER AWARD comprised two parts:

Part A: Score obtain by a 3-member jury;

Part B: Sum of points given by participants in the ballot process for each poster (using a 1-3-5 point scale).

The members of the jury were:

David Boehringer from University of Stuttgart, Germany;

Abul Azad from Northern Illinois University, United States of America

Carlos Eduardo Pereira from Federal University of Rio Grande do Sul, Brazil

Each member of the jury evaluated individually each poster for its merit in three categories: technical content, design layout and oral communication from the presenters. After a discussion on their individual perceptions they reached a consensus based on the criteria defined and taking into account the level of implementation and validation of the presented work.

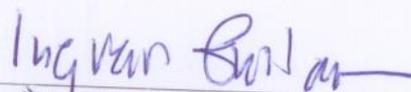
The number of points obtained in Part B were normalised to a 1-3-5 point scale, receiving the most voted poster 5 points, the second 3 points and the third 1 point. The final result is the weighted sum of Part A and Part B, with weights of 60% and 40%, respectively. The final results are depicted in the following table.

RANK	SCORE	ID	TITLE
1st	3pts	11	A Design of the Tele-operation Control System for Liquid Container Transfer by an Overhead Traveling Crane <u>Akihiro Kaneshige</u> , Yudai Kawasaki, Satoshi Ueki, Takanori Miyosi, Kazuhiko Terashima
1st	3pts	86	The use of 3D educational simulators in distance industrial automation programs <u>Enrique Sergio Blanco</u> , Fernando Ricardo Gambetta Schirmbeck, Mauro Cesar Charão Santos
3rd	2pts	37	Sistemas Embarcados com GNU LINUX para aplicações em Laboratórios de Experimentação Remota Daniel Maciel, Lucas dos Santos, <u>Willian Rochadel</u>

Program Chair(s):

Date: 27th February, 2014


Arcelina Marques


Ingvar Gustavsson

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BEST POSTER AWARD RESULTS

PART A: Jury

Each member of the jury evaluated individually each poster for its merit in three categories: technical content, design layout and oral communication from the presenters. After a discussion on the individual perceptions the jury decided to consider two exequo "Best Poster award" supported by the fact that two very good works are fulfilling complementary aspects. The jury considered posters ID 11 and ID 86 were well presented and the idea was implemented with validation. Both works have a target audience of high level technicians from industry and are being successfully applied in education institutions related to industry. Poster ID 60 also presented a validated solid work with an assessment of the learning outcomes.

The jury would like to make a recommendation for Poster ID 25, which presents a very good idea with a strong social impact. However, since the author was not able to be present, the jury could not assess the maturity of the implementation.

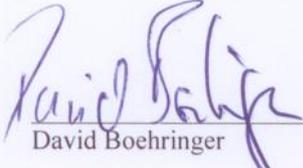
The final jury score is shown on the table below.

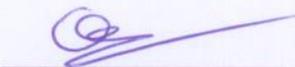
FINAL SUMMARY RESULTS (PART A – JURY)

SCORE	ID	TITLE
5pts	11	A Design of the Tele-operation Control System for Liquid Container Transfer by an Overhead Traveling Crane <u>Akihiro Kaneshige</u> , Yudai Kawasaki, Satoshi Ueki, Takanori Miyosi, Kazuhiko Terashima
5pts	86	The use of 3D educational simulators in distance industrial automation programs <u>Enrique Sergio Blanco</u> , Fernando Ricardo Gambetta Schirmbeck, Mauro Cesar Charão Santos
1pt	60	Usando VISIR en el Aula: Experiencia con Pre y Post Test <u>Javier Garcia-Zubia</u> , Jose Maria Saenz

The Jury:

Date: 27th February, 2014


David Boehringer


Abul Azad


Carlos E. Pereira

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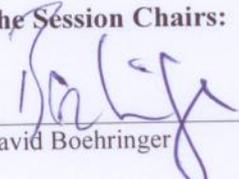
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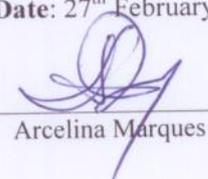
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PART B: Ballot Process (participants)	Count	Final score
ID: 11 A Design of the Tele-operation Control System for Liquid Container Transfer by an Overhead Traveling Crane	5	
ID: 25 A Concept of Mobile Technology for Remotely Supporting Mathematical Education of the Blind	8	
ID: 64 Identification of Learning Competencies	1	
ID: 85 Concept of cloud educational resource datacenters for remote access to software	8	
ID: 89 Control of Remote Lab by Microcontroller	6	
ID: 100 The Construction of Statistical Model of a Virtual Object in the Environment LabVIEW	6	
ID: 101 Web Services for Virtual Simulation	3	
ID: 110 Impacts and Barriers of the Mobile Remote Experimentation introduced in Basic Education	25	1 pt
ID: 143 Comparative analysis of low-cost embedded platforms for remote monitoring and control devices	5	
ID: 147 Proposing an Ethical Framework for E-learning Management System (Moodle) at Zarqa University	0	
ID: 33 Didactic Experiment with the use of ICT's in Remote Monitoring of Thermal Properties in Grain Silos Containment.	8	
ID: 34 UMA PROPOSTA METODOLÓGICA PARA O EXPERIMENTO REMOTO DE THOMSON COM BASE EM UM ENSINO INVESTIGATIVO	1	
ID: 37 Sistemas Embarcados com GNU LINUX para aplicações em Laboratórios de Experimentação Remota	42	5pts
ID: 60 Usando VISIR en el Aula: Experiencia con Pre y Post Test	32	3 pts
ID: 86 The use of 3D educational simulators in distance industrial automation programs	14	
ID: 119 Novos Paradigmas do e-learning e da Indústria: Laboratórios Remotos e Virtuais	8	

The Session Chairs:


David Boehringer

Date: 27th February, 2014


Arcelina Marques