1010_2 Years of CLEI Electronic Journal

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Abstract

This document presents an historical overview of the CLEI Electronic Journal editions in its 10th anniversary, with particular details in the period that has started in 2005. The article describes the activities that has been made to improve the journal presentation and finally proposing some actions that tend to index it in Scielo (Scientific Electronic Library Online).

Keywords: Electronic journal, CLEI, Journal History.

1. INTRODUCTION

In 1997 the Latinamerican Center for Informatics Studies (CLEI for its initials in Spanish) [1] has created an electronic journal so a greater visibility can be given to the research work and scientific and technological advances of the region. In June 1998 the first Volume and Number of the CLEI Electronic Journal (CLEI EJ) [2] was published. That number was dedicated to the best 5 papers presented in the CLEI Conference of 1996 in Bogota, Colombia. The Editor of the journal from 1998 till 2004 was Prof. Ricardo Baeza-Yates, who pursued many actions to make known the journal and kept it alive. Since 2005, the Editor of the journal is Prof. Mauricio Solar.

CLEI EJ is registered in Chile and has the international identification code ISSN 0717-5000 (International Standard Serial Number). CLEI EJ is already indexed in Digital Bibliography & Library Project (DBLP) [3] under the classification of Computer Science Journals. This provides an excellent visibility to the journal. CLEI EJ is also indexed by Latindex (Sistema Regional de Información en Linea para Revistas Científicas de América Latina, el Cariba, España and Portugal) [4], under the number 10872. It has been recently incorporated to DOAJ (Directory of Open Access Journals) [5].

After 10 years of history, the CLEI EJ still remain basically active through the edition of special issues, in which the best papers of the CLEI conferences and other international conferences are published, but mainly regional conferences.

In the last years, the journal has grown basically based on the submission of papers by authors from countries of other continents like Europe and Asia as regular papers.

This report presents an historical overview of the different numbers and volumes of the journal with particular detail in the last 4 years, describing the activities taken to improve the general management of the journal and proposing new actions for the journal to be included in the Scielo index [6].

2. HISTORICAL SUMMARY OF CLEI EJ

The Editor-in-Chief of CLEI EJ has the support of an Editorial Committee with 14 members that help in the revision of the submitted papers. The Editorial Committee members are the following:

- Julián Araoz, U. Simón Bolivar, Venezuela
- David Fernández-Baca, Iowa State U., USA
- Ricardo Baeza-Yates, Yahoo! Research, Chile
- Claudia Bauzer Medeiros, UNICAMP, Brazil

- José Blakeley, Microsoft, USA
- Marcos Borges, U. Fed. Rio de Janeiro, Brazil
- Héctor Geffner, U. Simón Bolivar, Venezuela
- Juan Garay, Bell Labs, USA
- Gastón Gonnet, ETH, Zurich, Switzerland
- Goutam Kumar, Centre for Development of Advanced Computing, Kolkata, India
- Alberto Mendelzon, U. of Toronto, Canada
- David Padua, U. of Illinois, USA
- José Pino, U. de Chile, Chile
- Fernando Vélez, Unidata, USA

Table 1 shows all the volumes and numbers of CLEI EJ in the 10 years of its life listed from June 1998 till June 1998. In 1999, the edition of the first number of Volume 2 was delayed by a difficult evaluation process. This number appeared later on 2001 as the first number of Volume 4. The unique year in which only one number was published was 2003.

As can be seen in Table 1, most of the numbers are related to "special issues" as result of the best papers submitted to the CLEI Conference since 1996 in Bogotá till 2006 in Santiago, Chile. The selection of papers of the CLEI Conference in 2007 in San Jose, Costa Rica, has been edited in December 2008 as Volume 11 Number 2 under the responsibility of the guest editors Drs. Marcelo Jenkins and Manuel Bermudes. In 2005, Volume 8 and Number 2 was dedicated to a selection of the best papers presented at CIESC 2004 (Arequipa, Peru) and later CIESC 2005, published in 2007 under Volume 10, Number 1, with the guest editors Drs. Camilo Rueda and Angel Garcia Baños.

Other special numbers has been dedicated to Collaboration Researchers' International Workshop on Groupware (CRIWG' 98), Iberoamerican Conference on Software Engineering and Knowledge Engineering (ICSEKE 2001), Jornada Iberoamericana de Ingeniería de Software e Ingeniería del Conocimiento (JIISIC 2003) and Workshop de Ingeniería de Software (WIS 2005). All the details are shown in Table 1.
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Table 1. Editions of CLEI EJ in the period 1998-2008.

Year	Vol.	Num.	Month	(Guest) Editor	Issue
1998	1	1	Jun	R. Baeza	Special Issue CLEI'96. Bogota, Colombia
		2	Dec	R. Baeza	Special Issue CLEI'97. Valparaíso, Chile
1999	2	1	Jun	J. Pino	Special Issue CRIWG'98, Buzios, Brazil
		2	Dec	R. Baeza	Special Issue CLEI'98. Quito, Ecuador
2000	3	1	Jun	R. Baeza	Regular issue with one paper from CLEI'98
		2	Dec	R. Baeza	Special Issue CLEI'99. Asunción, Paraguay
2001	4	1	Jun	J. Pino	Special Issue CRIWG'98, Buzios, Brazil
		2	Jan	R. Baeza	Special Issue CLEI'2000. Mexico City, Mexico
2002	5	1	Jun	J.C. Augusto, S.T. Acuña	Special Issue 1st ICSEKE 2001
		2	Jan	J. Aguilar	Special Issue CLEI'2001. Merida, Venezuela
2003	6	1	Dec	A. Viola	Special Issue CLEI'2002. Montevideo, Uruguay
2004	7	1	Jun	C. Bastarrica	Special Issue JIISIC'2003. Valdivia, Chile
		2	Dec	JC Maldonado, C. Ibarra, A. Simão	Special Issue CLEI2003, La Paz, Bolivia
2005	8	1	Jun	M. Solar	Special Issue CLEI'2004, Arequipa, Peru
		2	Dec	M. Solar	Regular Issue with two Papers from CIESC 2004
2006	9	1	Jun	S. Ochoa	Special Issue WIS 2005, Valdivia, Chile
		2	Dec	C. Rueda	Regular Issue and Special Issue CLEI 2005, Cali, Colombia
2007	10	1	Jun	C. Rueda, A. Garcia	Regular Issue and Special Issue CIESC 2005,
		2	Dec	E. Leiss, M. Visconti, JC Maldonado, A.Simão, D. Andrade	Regular Issue and Special Issue CLEI 2006, Santiago, Chile
2008	11	1	Jun	A. Fernández,P. Antunes	Special Issue of 2007 CRIWG Workshop Doctoral Colloquium with one paper selected from CLEI 2006, Santiago, Chile

Details of the papers published in each number are included in Annex 1. In the first 7 years CLEI EJ has published 49 papers and in the last 3 years, there has been 40 published papers, without counting the 3 articles of June 2008 number nor the 8 ones of the December 2008 number. In total, there has been 100 articles published in 10 years, but it is quite important to notice the growth of the last years. This can be explained mainly because Latinamerican authors are more interested in publishing in CLEI EJ as the journal is indexed in DBLP, Latindex and DOAJ.

In Annex 1 the name of all the authors of CLEI EJ is listed. It can be noticed that there are 226 authors coming from 15 different countries. Ten authors have two papers, four have 3, one has four and another one has 5 articles. The number of authors is interesting, but is it important to notice that 210 of the 226 authors have not published again in the journal.

The number of articles that have been published as "special issues" and the number of articles published as "regular issues" are shown in Table 2. As can be seen, the later has grown in the last years.

Table 2. Number of Articles by edition (special and/or regular).

Year	Vol.	Num.	Month	(Guest) Editor	Special Issue	Regular Issue	Total
1998	1	1	Jun	R. Baeza	5		5
		2	Dec	R. Baeza	4		4
1999	2	1	Jun	J. Pino	-		-
		2	Dec	R. Baeza	5		5
2000	3	1	Jun	R. Baeza	1	1	2
		2	Dec	R. Baeza	3		3
2001	4	1	Jun	J. Pino	1		1
		2	Jan	R. Baeza	2		2
2002	5	1	Jun	J.C. Augusto. S.T. Acuña	4		4
		2	Jan	J. Aguilar	5		5
2003	6	1	Dec	A. Viola	7		7
2004	7	1	Jun	C. Bastarrica	7		7
		2	Dec	JC Maldonado, C. Ibarra, A. Simão	5		5
2005	8	1	Jun	M. Solar	7		7
		2	Dec	M. Solar	2	2	4
2006	9	1	Jun	S. Ochoa	7		7
		2	Dec	C. Rueda	5	5	10
2007	10	1	Jun	C. Rueda, A. Garcia	3	2	5
		2	Dec	E. Leiss, M. Visconti	3	4	7
2008	11	1	Jun	A. Fernández, P. Antunes	2	1	3

On the other side, it is important to notice the participation of Guest Editors in the last special issues coming from different countries and universities. The following list is a summary of the Guest Editors by country:

- Argentina: Silvia T. Acuña (U. Nac. de Santiago del Estero), Alejandro Fernández (LIFIA-UNLP)
- Bolivia: Cesar Ibarra Guerrero (UMSA)
- Brazil: Jose Carlos Maldonado, Adenilso da Silva Simão (ICMC-USP)
- Chile: José Pino, Cecilia Bastarrica, Sergio Ochoa (U. de Chile), Marcello Visconti (UTFSM)
- Colombia: Ángel García (UNIVALLE), Camilo Rueda (PUJ)
- Uruguay: Alfredo Viola (U. de la República)
- Venezuela: José Aguilar (ULA)
- Portugal: Pedro Antúnes (U. Lisboa)
- UK: Juan Carlos Augusto (U. of Southampton)
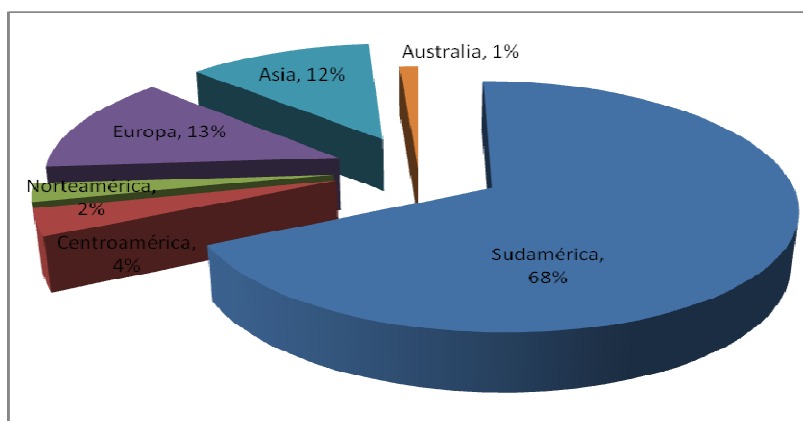- USA: Ernst Leiss (U. of Houston)

3. NUMBERS IN THE PERIOD 2005-2008

One of the interesting aspects that are shown in Table 3 is the origin of the papers published in the journal in the last years. In the first place, new articles of authors coming from Japan, India and Australia has been incorporated, and this fact introduces new areas where the journal will have impact in the near future. This takes the journal to global scope. In general, most of the articles come from Latinamerica, one from Centeramerica, and 1.5 from Northamerica, plus several papers coming from France and Spain. In Figure 1, the distribution of the papers considering the origin is shown for the period 2005-2008. Figure 2 shows the distribution of published articles from Latinamerica in the same period, and these represent almost 70% of the total published papers in the period.
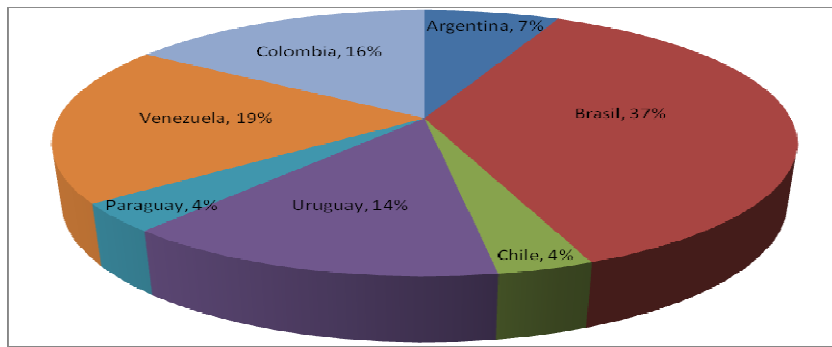
It is important to notice the presence of India with 9%, with the same quantity of articles from Uruguay.

Table 3. Distribution of Articles by Country (2005-2008).

Year	2005		2006		2007		2008			
Volume	8		9		10		11			
Number	1	2	1	2	1	2	1	2		
Argentina		0.5		1			0.5		2	5%
Brazil	2	2	2		0.5	3	1		10.5	24%
Chile			1						1	2%
Uruguay	1			1	1	1			4	9%
Paraguay	1								1	2%
Venezuela			2	3.5					5.5	13%
Colombia	0.5		0.5	2	2.5				5.5	13%
Costa Rica		1							1	2%
Mexico			0.5						0.5	1%
USA	1								1	2%
Spain	1.5		1			2	0.5		5	12%
France				0.5					0.5	1%
India				2	1	1			4	9%
Japan							1		1	2%
Australia		0.5							0.5	1%
Total	**7**	**4**	**7**	**10**	**5**	**7**	**3**		**43**	**100%**

Figure 1. World Geographical Distribution of Articles in CLEI EJ 2005-2008.

Figure 2. Southamerican Geographical Distribution of Articles in CLEI EJ 2005-2008.

Table 4 presents the growth of the relation between regular papers and special issues in the last years. It is important to notice that a large quantity of papers have been received for evaluation, but that have been rejected for different reasons. It can be mentioned that in general many of these rejected papers are computational applications developed by experts in different areas, and that have no significant contribution for the computer science area.

Table 4. Articles in *Special* and *Regular Issues* 2005-2008.

Year	Vol	Num	Month	Special Issue	Regular Issue	Total
2005	8	1	Jun	7		7
		2	Dec	2	2	4
2006	9	1	Jun	7		7
		2	Dec	5	5	10
2007	10	1	Jun	3	2	5
		2	Dec	3	4	7
2008	11	1	Jun	2	1	3
			Total	29	14	43

4. ACTIONS TAKEN

Many actions have been done to improve the journal. Among them the document "Instructions for Authors" is published in the web page of the journal.

On the other hand, it has been improved the "Evaluation Form" in order to facilitate the evaluation of regular papers.

To handle the processing of papers, the system MyReview has been adapted because it is stable and secure. With it the evaluation of regular papers is more simple.

5. CONCLUSIONS AND FURTHER RECOMMENDATIONS

The diffusion of an electronic journal like CLEI EJ is a very important aspect. The inclusion of the journal in international indexes like DBLP, Latindex and DOAJ has contributed to improve its impact factor. In this sense, the inclusion in Scielo seems to be really very important.

One of the requirements of Scielo for indexing a journal in the computer science area in Chile is to have three numbers per year. Up to 2008, the CLEI EJ has regularly published two numbers a year, one in June and the other in December. To satisfy this requirement a new number is included starting in 2009. CLEI EJ will publish three numbers in April, August and December.

BIBLIOGRAPHICAL REFERENCES

[1] Centro Latinoamericano de Estudios en Informática, CLEI, http://www.clei.org

[2] CLEI Electronic Journal, http://www.clei.org/cleiej

[3] The DBLP Computer Science Bibliography, http://www.informatik.uni-trier.de/~ley/db/

[4] Latindex, Sistema Regional de Información en Línea para Revistas Científicas de América Latina, el Caribe, España y Portugal, http://www.latindex.org

[5] Directory of Open Access Journals (DOAJ), http://www.doaj.org

[6] Scientific Electronic Library Online, http://www.scielo.org/index.php?lang=es

[7] The Thomson Scientific Database: http://scientific.thomson.com/mjl/

Annex I: Artícles per Year, Volume and Number

Volume 11: 2008
Number 1, June 2008
Special Issue of 2007 CRIWG Workshop Doctoral Colloquium with one paper selected from CLEI 2006, Santiago, Chile
Guest Editors: Alejandro Fernández (LIFIA, Argentina), Pedro Antunes (U. de Lisboa, Portugal)
- Heuristics for the Identification of Class Integration Order in Object-Oriented Software Testing , Gladys Machado Pereira S. Lima, Arilo C. Dias Neto, Guilherme H. Travassos
- An Ontology-based Framework and its Application to Effective Collaboration , Seiji Isotani, Riichiro Mizoguchi
- Strategies to Minimize Problems in Global Requirements Elicitation , Gabriela Aranda, Aurora Vizcaino, Alejandra Cechich, Mario Piattini

Volume 10: 2007
Number 1, June 2007
Regular Issue and Special Issue of CIESC 2005, Cali, Colombia
Guest Editors: Ángel García Baños (UNIVALLE, Colombia), Camilo Rueda (PUJ, Colombia)
- Semantics of Termination , Patricia Peratto
- Optimization Criteria for Effort Estimation using Fuzzy Technique , Harish Mittal, Pradeep Bhatia
- Requirements Game: Teaching Software Project Management , Carlos M. Zapata J., Gabriel Awad-Aubad
- ALLEGRO: Teaching/Learning Multi-Agent Environment using Instructional Planning and Cases- Based Reasoning (CBR) , Rosa M. Viccari, Demetrio A. Ovalle, Jovani A. Jimenez
- Construction of a Flexible Data Structures Laboratory , Jorge Villalobos, Danilo Perez, Juan Castro, Camilo Jimenez

Number 2, December 2007
Regular Issue and Special Issue of CLEI 2006, Santiago, Chile
Guest Editors: Ernst Leiss (U. of Houston, USA), Jose Carlos Maldonado (USP, Brazil), Marcello Visconti (USM, Chile), Adenilso da Silva Simao (USP, Brazil), Diego Andrade (PUCE, Ecuador).
- Best Papers from the 2006 CLEI Conference, Santiago, Chile, August, 2006 , Ernst L. Leiss, Jose Carlos Maldonado
- Model Checking Techniques applied to the design of Web Services , Gregorio Diaz, M. Emilia Cambronero, Juan J. Pardo, Valentin Valero, Fernando Cuartero
- Competency Assessment: Integrating COCOMO II and People-CMM for estimation improvement , Ricardo Colomo Palacios, Marcos Ruano Mayoral, Juan Miguel Gomez Berbis, Angel Garcia Crespo
- A Rule Repository for Active Database Systems, Sidney Viana, Jorge Rady de Almeida Junior, Judith Pavon
- Software - Implemented Self-healing System , Goutam Kumar Saha
- A semantics for While in Pi-calculus , Patricia Peratto
- A Version Control Tool for Framework-based Applications , Maria Istela Cagnin, Rosana T. V. Braga, Rosangela Penteado, Fernao Germano, Jose Carlos Maldonado

- Gene Expression Analysis using Markov Chains extracted from RNNs , Igor Lorenzato Almeida, Denise Regina Pechmann, Adelmo Luis Cechin

Volume 9: 2006
Number 1, June 2006
Special Issue of Best Papers WIS 2005, Valdivia, Chile
Guest Editor: Sergio Ochoa (U. de Chile)
- Knowledge Representation for Software Architecture Domain by Manual and Automatic

Methodologies , Anabel Fraga, Sonia Sanchéz, Juan Llorens, Hernan Astudillo
- Tailoring RUP for LMS Selection: A Case Study , Luis Mendoza, María Pérez, Gabriela Diaz-Antón, Anna Grimán
- Quality in Development Process for Software Factories According to ISO 15504 , Kenyer Dominguez, María Pérez, Luis Mendoza, Anna Grimán
- Resistance Factors in Software Processes Improvement , Josiane Brietzke, Abraham Rabelo
- Applying Software Metrics to evaluate Business Process Models , Elvira Rolón, Francisco Ruiz, Felix Garcia, Mario Piattini
- Requirements Engineering Contributions on the Development of Educational Software for the Blind or People with Impaired Vision – An Experience Account , Victor Francisco Araya Santander, Dorisvaldo Rodrigues da Silva
- Implementing CMMI using a Combination of Agile Methods , Julio Ariel Hurtado Alegria, Marıa Cecilia Bastarrica

Number 2, December 2006
Regular Issue and Special Issue of CLEI 2005, Cali, Colombia.
Guest Editor: Camilo Rueda
- An ACO algorithm for image compression , Cristian Martinez
- Integrity Constraint Checking in Distributed Nested Transactions over a Database Cluster , Stephane Gancarski, Claudia Leon, Hubert Naacke, Marta Rukoz, Pablo Santini
- JADIMA: Virtual Machine Architecture for building JAVA Applications on Grid Platforms , Yudith Cardinale, Eduardo Blanco, Jesús de Oliveira
- A Stochastic Concurrent Constraint Based Framework to Model and Verify Biological Systems , Carlos Olarte, Camilo Rueda
- A framework for performance evaluation of parallel applications on the GRID , Carlos Figueira, Emilio Hernandez, Eduardo Blanco
- Prediction of RNA Pseudoknotted Secondary Structure using Stochastic Context Free Grammars (SCFG) , Rafael Garcia
- A semantics for while with break, continue and goto , Patricia Peratto
- About the Performance of SQLf Evaluation Mechanisms , Yosmar López, Leonid Tineo
- A Single-Version Algorithmic Approach to Fault Tolerant Computing Using Static Redundancy , Goutam Kumar Saha

- Software Based Fault Tolerance against Byzantine Failures , Goutam Kumar Saha

Volume 8 : 2005
Number 1, August 2005
Special Issue of CLEI2004, Arequipa, Perú.
- Time-Variant Watermarking of MPEG-Compressed Digital Videos , Ernst L. Leiss
- Facilitating the Verification of Diffusing Computations and Their Applications , Tanja E.J. Vos, S. Doaitse S. Swierstra
- ISAM: a Software Architecture for Pervasive Computing , Adenauer Corrêa Yamin, Jorge Luis Victória Barbosa, Iara Augustin, Cláudio Fernando Resin Geyer
- Sub-flow assignment model of multicast flows using multiple P2MP LSPs , Fernando Solano, Ramón Fabregat, Yezid Donoso
- Omicron ACO. A New Ant Colony Optimization Algorithm , Benjamín Barán, Osvaldo Gomez
- Architecture of Component-based Information Systems over the J2EE Platform , Daniel Perovich, Leonardo Rodriguez, Andres Vignaga
- A ISO 9001:2000 Certification Model in SMEs , Raimundo Sales Neto e Acevedo, Arnaldo Dias Belchior, Marum Simão Filho, Flavio Lenz César

Number 2, December 2005
Regular Issue with two Papers selected from CIESC 2004
- Accuracy and Diversity in Ensembles of Text Categorisers , Juan José García Adeva, Ulises

Cerviño Beresi, Rafael A. Calvo

- Convergence Through a Weak Consistency Model: Timed Causal Consistency , Francisco J. Torres-Rojas, Esteban Meneses
- Proposal for Development of Teaching Methodology and Accessibility Tool for Professional Qualification of Visual and Mobility Impaired People , Claudia Medronho Naumann, Sergio Guedes de Souza

- Enhancing Programming Understanding through Conceptual Schemas in Introductory Courses , Thais Helena Chaves de Castro, Crediné Silva de Menezes, Alberto Nogueira de Castro Junior, Rosane Santos Caruso de Oliveira, Maria Cláudia Silva Boeres

Volume 7 : 2004
Number 1, June 2004
Special Issue of JIISIC'2003. Valdivia, Chile.
Guest Editor: Cecilia Bastarrica.

- COMPOR: a Methodology, a Component Model, a Component based Framework and Tools to Build Multiagent Systems , Hyggo Oliveira de Almeira, Evandro de Barros Costa, Rodrigo de Barros Paes, Angelo Percusich
- Contributions of KDD to the Knowledge Management Process: a Case Study , Paulo de Tarso Costa de Sousa, Hércules Antonio do Prado, Eduardo Amadeu Moresi, Marcelo Ladeira
- Knowledge-based Support to Process Integration in ODE , Fabiano Borges Ruy, Gleidson Bertollo, Ricardo de Almeida Falbo
- A development platform and execution environment for mobile applications , Guillermo Licea Sandoval
- Ontology and XML-based Specifications for Collaborative B2B Relationships , María Laura Caliusco, Maria Rosa Galli, Omar Chiotti
- Conceptual Microarchitectures for Hydrologic Simulation Models , Adriana Urciuolo, Rodolfo Iturraspe, Ariel Parsón
- An ontology-based technique for the specification of domain and user models in multi-agent domain , Rosario Girardi, Carla Gomes de Faria

Number 2, December 2004
Special Issue of CLEI2003, La Paz, Bolivia
Guest Editors: Jose Carlos Maldonado (ICMC-USP, Brazil), Cesar Ibarra Guerrero (Bolivia), Adenilso da Silva Simão (ICMC-USP, Brazil).

- A Calculus for Reconfigurable Component-Based Systems , Cidcley Teixeira de Souza, Paulo Roberto Freire Cunha
- Pump Scheduling Optimization Using Asynchronous Parallel , Christian von Lücken, Benjamín Barán, Aldo Sotelo
- BMM: A Business Modeling Method For Information Systems Development , Jonas Montilva C., Judith Barrios A.
- TM-Builder: An Ontology Builder based on XML Topic Maps , Giovani Rubert Librelotto, José Carlos Ramalho, Pedro Rangel Henriques

- A Component-based Product Line for Workflow Management Systems , Itana Maria de Souza Gimenes, Fabrício Ricardo Lazilha, Edson Alves de Oliveira Junior, Leonor Barroca

Volume 6 : 2003
Number 1, December 2003
Special Issue of CLEI'2002. Montevideo, Uruguay.
Guest Editor: Alfredo Viola.

- A Coloured Petri Net Approach to Formalising and Analysing the Resource Reservation Protocol , María Villapol, Jonathan Billington
- Reduction Strategies for Program Extraction , Maribel Fernández, Ian Mackie, Paula Severi, Nora Szasz

- XCSL: XML Constraint Specification Language , Marta Jacinto, Giovani Librelotto, José Ramalho, Pedro Henriques
- Decision Tree Induction using Adaptive FSA , Hemerson Pistori, Joao Neto
- Evolving Neural Arrays A new mechanism for learning complex action sequences , Leonardo Corbalán, Laura Lanzarini
- Index Self-tunning with Agent-based Databases , Rogério Luis de Carvalho Costa, Sérgio Lifschitz, Marcos Antonio Vaz Salles

- A Language for the Description of Program Instrumentation and Automatic Generation of Instrumenters , Adenilso da Silva Simao, Auri M. R. Vincenzi, Antonio C. L. Santana, Jose Carlos Maldonado

Volume 5 : 2002
Number 1, June 2002
Special Issue of 1st Iberoamerican Conf. on Soft. Eng. and Knowledge Engineering, ICSEKE 2001.
Guest Editors: Juan Carlos Augusto (U. of Southampton, UK), Silvia Teresita Acuña (U. Nacional de Santiago del Estero, Argentina)
- Methodological Approach for Developing a KMS: A Case Study , Anna Grimán, Teresita Rojas, María Pérez
- The MT Stack: Paging Algorithm and Performance in a Distributed Virtual Memory System , Marco T. Morazán, Douglas R. Troeger, Myles Nash
- PROLOG & TXL: A Case Study for Prototyping Structural Testing Supporting Tools , Adenilso da Silva Simao, Tatiana Sugeta, Jose Carlos Maldonado, Maria Carolina Monard
- Knowledge Component of a Multiagent Distributed Decision Support System , Georgina Stegmayer, María Laura Caliusco, Omar Chiotti, Maria Rosa Galli

Number 2, January 2002
Special Issue of CLEI'2001. Merida, Venezuela.
Guest Editor: José Aguilar (Univ. de Los Andes, Venezuela)
- AVANTE: An architecture of CORBA components and XML Metadata for Web Based Instructions , Victor Theoktisto, Adelaide Bianchini, Edna Ruckhaus
- Analysis Patterns for GIS Data Schema Reuse on Urban Management Applications , Jugurta Lisboa, Cirano Iochpe, Karla A.V. Borges
- Adaptive Description of ATM Traffic Flows , Juergen Rochol, Mouriac Halen Diemer
- A Fuzzy Model for Function Point Analysis to Development and Enhancement Project Assessments , Osias de Souza Lima Júnior, Pedro Porfírio Muniz Farias, Arnaldo Dias Belchior

- Automatic ObjectPascal Code Generation from Catalysis Specifications , João Luís C de Moraes, Antonio F do Prado

Volume 4: 2001
Number 1, June 2001
Special Issue of CRIWG'98, Buzios, Brazil.
Guest Editor: José A. Pino (Univ. de Chile)
- On the Design of Group Decision Processes for Electronic Meeting Rooms , Pedro Antunes

Number 2, January 2001
Special Issue of CLEI'2000. Ciudad de Mexico, Mexico
- Segmentation Methodology of Table-Form Documents , Luiz Antonio Pereira Neves, Jacques Facon

- A Software Development Model for the Automatic Generation of Classes , Eugenio Scalise, Nancy Zambrano

Volume 3 : 2000
Number 1, June 2000
Regular issue with one paper selected from CLEI'98 and one survey
- Keeping the Software Documentation Up to Date in Small Companies , Renato Ferrari Pacheco, Rosely Sanches
- Low Cost Cluster Architectures for Parallel and Distributed Processing , Giancarlo C. Mai, César A.F. De Rose

Number 2, December 2000
Special Issue of CLEI'99. Asunción, Paraguay
- Performance Evaluation of Load-Balanced Routing via Bounded Randomization , Sangman Bak, Jorge A. Cobb, Ernst L. Leiss
- JaCoWeb Security - A CORBA Security Discretionary Prototype , Carla Merkle Westphall, Joni da Silva Fraga, Michelle Silva Wangham, Lau C. Lung

- A logic for synchronous transitions with dynamic conflict resolution , Vanderlei Moraes Rodrigues, Flavio Rech Wagner

Volume 2: 1999
Number 1, June 1999
Special Issue of CRIWG'98, Buzios, Brazil.
Guest Editor: José A. Pino, Univ. de Chile
- This issue originally scheduled for June of 1999 appeared in June 2001, due to an unexpected long refeering process

Number 2, December 1999
Special Issue of CLEI'98. Quito, Ecuador
- Balls and buckets for discrete time Markov chain generation , Héctor Cancela Bosi
- ODP Channel: an Open Mechanism for Supporting Media Flows in Distributed Environments , R.C.M. Prado, E. Cardozo, L.A. Guedes
- Distributed Interoperable Virtual Environments , Felicio Vanderlei Deriggi Jr., Massakuni Kubo, Antônio Carlos Sementille, Simone Santos Casolli, Claudio Kirner
- TOP: A Platform for the Development of Web Interfaces and Collaborative Applications , Luis A. Guerrero, Roberto C. Portugal, David A. Fuller

- A Taxonomy for Comparing Distributed Object Technologies , A. Bracho, A. Matteo, Ch. Metzner

Volume 1: 1998
Number 1, June 1998
Special Issue of CLEI'96. Bogotá, Colombia
- An Object-Oriented Frameworks-based Architecture for Decision Support Systems , Karin Becker, François Bodart
- An Implementation Model for Collaborative Applications , Mauricio Cortés, Prateek Mishra
- Analytical Evaluation of the 2D-DCT using Parallel Processing , Angela Di Serio
- Firewall Monitoring , Ernst L. Leiss, Jianyu You
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