

	Dec 3	Dec 4	Dec 5
8:00 - 8:45	Registration		
8:45 - 9:00	<i>Workshop Welcome and Opening</i> <i>Ricardo Bergman (VRAC/PUC-Rio)</i> <i>Carlos José Pereira de Lucena (DI/PUC-Rio)</i>		
9:00 - 10:00	<p><i>Invited presentation (60 min)</i></p> <ul style="list-style-type: none"> ▪ Exploring Big Data in Social Networks <i>Virgílio de Almeida (UFMG)</i> 	<p><i>Communications 3 (15 min each)</i></p> <ul style="list-style-type: none"> ▪ Folksonomized ontology and the 3E steps technique to support ontology evolution. <i>Alves, Hugo; Santanchè, André (Unicamp)</i> ▪ Visualizing clashes and alliances in political discussions <i>Lage, Rafael; Pimentel, Mariano; Araujo, Renata.M. (UNIRIO)</i> ▪ Open Government Data in Brazil <i>Breitman, Karin (PUC-Rio); Filho, José Viterbo (UFF); Salas, Percy E. (PUC-Rio); Pires, Regis (Federal University of Ceara); Saraiva, Daniel (PUC-Rio); Gama, Vinicius (PUC-Rio); Casanova, Marco A. (PUC-Rio); Chaves, Miriam (Ministério do Planejamento); Franzosi, Ednylton (Serviço Federal de Processamento de Dados)</i> <p style="text-align: right;">9:45 <i>Panel (15 min)</i></p> <ul style="list-style-type: none"> ▪ People and Society <i>Moderator: José Viterbo Filho (UFF)</i> <i>Panelists: speakers of the session</i> 	<p><i>Invited presentation (40 min)</i></p> <ul style="list-style-type: none"> ▪ Management of Web Data: Introducing Shadows: Flexible Document Representation and Sharing on the Web <i>Claudia Bauzer Medeiros (Unicamp)</i> <p style="text-align: right;">9:40 <i>Communications 6 (10 min each)</i></p> <ul style="list-style-type: none"> ▪ Operations over Lightweight Ontologies <i>Casanova, Marco A. (PUC-Rio); Macedo, José Antonio (UFC); Sacramento, Eveline (PUC-Rio, Funceme); Pinheiro, Angela (UFC); Vidal, Vania Maria (UFC); Breitman, Karin (PUC-Rio); Furtado, Antonio (PUC-Rio).</i> ▪ On the Uses of Negation <i>Furtado, A.L.; Barbosa, S.D.J.; Casanova, M.A. (PUC-Rio)</i>
10:00 - 10:30	COFFEE-BREAK	COFFEE-BREAK	COFFEE-BREAK

10:30 - 12:00	<p style="text-align: right;">(3 min)</p> <ul style="list-style-type: none"> ▪ Presentation of GDRI projects <i>chair: Mohand Boughanem, Université Paul Sabatier, IRIT</i> <p style="text-align: right;">(7 min each)</p> <ul style="list-style-type: none"> ▪ Avignon: Agorantic <i>Marc El Bèze</i> ▪ Clermont: Web Sciences at LIMOS <i>Engelbert Mephu Nguifo</i> ▪ Grenoble: Web Sciences at LIG <i>Hervé Martin</i> ▪ Paris VI: Web Sciences at LIP6 <i>Benjamin Piwowarski</i> ▪ Toulouse: Web Sciences at IRIT <i>Mohand Boughanem</i> ▪ Versailles: Web Sciences at PrISM <i>Yehia Taher</i> <p style="text-align: right;">11:15 Invited presentation (45 min)</p> <ul style="list-style-type: none"> ▪ People and Society: Gouverner par le Web <i>Marrel, Guillaume; Nonjon, Maqali</i> 	<p style="text-align: right;">(12 min each)</p> <p><i>Communications 4</i></p> <ul style="list-style-type: none"> ▪ Opinion detection and dynamics of representations <i>Gaillard, Julien; Cossu, Jean-Valère; Torres-Moreno, Manuel; Altman, Eitan; Ethis, Emmanuel; El-Bèze, Marc; Sanjuan, Eric</i> ▪ User-centric Principles in Automated Decision Making <i>Nunes, Ingrid (PUC-Rio); Miles, Simon (King's College London); Luck, Michael (King's College London); Lucena, Carlos J.P. (PUC-Rio)</i> ▪ Predicting bursty events by tweet content analysis <i>Morchid, Mohamed; Linarès, Georges</i> ▪ An introspection mechanism to debug distributed systems <i>Araújo, Thiago; Wanderley, Carla; Staa, Arndt (PUC-Rio)</i> ▪ A Multi-Agent System Framework to Assure the Reliability of Self-Adapted Behaviors in the Web <i>Costa, Andrew D. (PUC-Rio); Silva, Viviane T. (UFF); Lucena, Carlos J.P. (PUC-Rio); Horácio, Janaina (PUC-Rio)</i> <p style="text-align: right;">11:30 Panel (30 min)</p> <ul style="list-style-type: none"> ▪ Software Technologies and Applications <i>Moderator: Ingrid Nunes (PUC-Rio)</i> <i>Panelists: speakers of the session</i> 	<p style="text-align: right;">(10 min each)</p> <p><i>Communications 7</i></p> <ul style="list-style-type: none"> ▪ Revisiting DB/IR integration: graph analysis joins the party <i>Gomes-Jr, Luiz Celso; Santanchè, André(Unicamp)</i> ▪ A Provenance Approach to Assess the Quality of Geospatial Data <i>Malaverri, Joana; Medeiros, Claudia Bauzer; Lamparelli, Rubens Augusto Camargo (Unicamp)</i> ▪ Entropy Guided Transformation Learning: Algorithms and Applications <i>Santos, Cícero Noqueira dos; Milidiú, Ruy Luiz (PUC-Rio)</i> ▪ Publishing Statistical Data on the Web <i>Salas, Percy E. Rivera (PUC-Rio); Martin, Michael (University of Leipzig); Mota, Fernando Maia (PUC-Rio); Auer, Soren (University of Leipzig); Breitman, Karin (PUC-Rio); Casanova, Marco A. (PUC-Rio)</i> ▪ Emotion Analysis in Texts using Naive Bayes and Genetic Algorithms <i>Guedes, Gustavo P.(CEFET-RJ, UFRJ) ; Xexéo, Geraldo B. (UFRJ)</i> <p style="text-align: right;">11:20 Panel (40 min)</p> <ul style="list-style-type: none"> ▪ Management of Web Data <i>Moderator: Claudia Bauzer (Unicamp)</i> <i>Panelists: speakers of the session</i>
12:00 - 13:00	LUNCH	LUNCH	LUNCH

<p>13:00 - 15:40</p>	<p><i>Communications 1 (15 min each)</i></p> <ul style="list-style-type: none"> ▪ Contextes territoriaux et développements numériques <i>Grasland, Loïc</i> ▪ Singularities of the use of ICTs in Brazil <i>Nicolaci-Da-Costa, AnaMaria; Matos-Silva, Mariana S.; (PUC-RIO)</i> ▪ Research in Culture, Communication and Digital Culture at the University of Avignon <i>Poli, Marie-Sylvie; Nonjon, Magali</i> ▪ An exploratory study on the design for public service process model understandability <i>Engiel, P.; Araujo, R.M.; Cappelli, C. (UNIRIO)</i> ▪ Communicating the Past: digital approach to “re-built” the Avignon’s Bridge <i>Balossino, Simone</i> ▪ Learning and training within Technology Enhanced Learning Environments (TELEs) <i>Gabriel, Philippe</i> ▪ Collaborative Museums: An Approach to Co-Design <i>Moura, H. (PUC-Rio); Cardador, D (PUC-Rio); Vega, K (PUC-Rio); Ugulino, W (PUC-Rio); Barbato, M. (Bell interactive); Fuks, H. (PUC-Rio)</i> ▪ L’usage des sciences du Web en sociologie politique: Pour une approche renouvelée de l’analyse des rapports au politique des citoyens ordinaires <i>Marchand, Christèle; Marrel, Guillaume; Nonjon, Magali</i> <p style="text-align: right;"><i>15:00 (40 min)</i></p> <p><i>Panel</i></p> <ul style="list-style-type: none"> ▪ People and Society <i>Moderator: Carlos J.P. de Lucena (PUC-Rio)</i> <i>Panelists: speakers of the session</i> 	<p><i>Invited presentation (60 min)</i></p> <ul style="list-style-type: none"> ▪ Software Technologies and Applications: A Web-based Meta-toolkit for Collaborative Innovation <i>Cowan, Donald D. (University of Waterloo)</i> <p style="text-align: right;"><i>14:00</i></p> <p><i>Communications 5 (10 min each)</i></p> <ul style="list-style-type: none"> ▪ On the semantic engineering of scientific hypotheses as linked data <i>Gonçalves, Bernardo; Porto, Fabio; Moura, Ana Maria C. (LNCC)</i> ▪ Supporting the Identification of Architecturally-Relevant Code Anomalies <i>Macia, Isela.; Arcoverde, Roberta; Cirilo, Elder; Garcia, Alessandro; Staa, Arndt (PUC-Rio)</i> ▪ Talking about public processes <i>Diirr, Bruna; Araujo, Renata M.; Cappelli, Claudia (UNIRIO)</i> ▪ Web-Based Virtual Lab for Taxonomic Description <i>Gomes, Alessandra ; Santanchè, André ; Souza, Fabiani (Campinas)</i> ▪ A Semantic Learning Object Composition: An Experiment based on the Theory of Discourse <i>Menezes, Herli J. (UFRJ); Siqueira, Sean W.M. (UNIRIO); Andrade, Leila C.V. (UFRJ)</i> ▪ Structuring the discourse on social networks for learning: Case studies on blogs and microblogs <i>Marques, Aline M. (UNIRIO); Krejci, Rafael (UNIRIO); Siqueira, Sean W.M. (UNIRIO); Pimentel, Mariano; Braz, Maria Helene L.B. (Technical University of Lisbon)</i> ▪ Crowdsourcing and Primary Studies on Software Engineering-expectations and challenges <i>de Mello, Rafael M.; Travassos, Guilherme H. (UFRJ)</i> <p style="text-align: right;"><i>15:10 (30 min)</i></p> <p><i>Panel</i></p> <ul style="list-style-type: none"> ▪ Software Technologies and Applications <i>Moderator: Elder Cirilo (PUC-Rio)</i> <i>Panelists: speakers of the session</i> 	<p><i>Invited Presentation (40 min)</i></p> <ul style="list-style-type: none"> ▪ Management of Web Data: Evaluating Social Applications <i>Sihem Amer-Yahia</i> <p style="text-align: right;"><i>13:40</i></p> <p><i>Invited presentation (40 min)</i></p> <ul style="list-style-type: none"> ▪ Foundations of Web Science: Random Walks on Static and Dynamic Graphs and Applications <i>Edmundo de Souza e Silva (UFRJ)</i> <p style="text-align: right;"><i>14:20</i></p> <p><i>Communications 8 (10 min each)</i></p> <ul style="list-style-type: none"> ▪ Dynamic Binding Mechanism for Retrieving and Unifying Complex Predicate-Logic Knowledge <i>Pinkas, Gadi (Center for Academic Studies); Lima, Priscila (UFRJ); Cohen, Shimon A. (Center for Academic Studies)</i> ▪ Modeling, Characterization and Applications of a Sampling Process of Vertices in Networks <i>Pinheiro, Vicente M. (UFRJ); Figueiredo, Daniel R. (UFRJ); Rocha, Antonio (UFF)</i> ▪ Stability of Peer-to-Peer Swarming Systems <i>Menasché, Daniel S.; Rocha, A.A.; Silva, Edmundo de Souza e; Leão, R.M.M.; Towsley, D.</i> ▪ BTStream - An environment for developing and testing applications of P2P streaming <i>Mendonça, Gabriel G. Leão, Rosa Maria M.</i> <p style="text-align: right;"><i>15:00 (40 min)</i></p> <p><i>Panel</i></p> <ul style="list-style-type: none"> ▪ Foundations of Web Science <i>Moderator: Antonio Rocha (UFF)</i> <i>Panelists: speakers of the session</i>
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15:40 - 16:00	COFFEE-BREAK	COFFEE-BREAK	COFFEE-BREAK
	<p><i>Communications 2 (15 min each)</i></p> <ul style="list-style-type: none"> ▪ A Social Network for Sharing Learning Segments and Compositions <i>Oliveira, E.W. (UFJF, PUC-Rio); Siqueira, S.W.M. (UNIRIO); Braz, M.H.L.B. (Technical University of Lisbon)</i> ▪ Child Search Framework: a collaborative information retrieval architecture to assist children in search process <i>Silva, Sandra Regina Rocha; Xexéo, Geraldo Bonorino (UFRJ)</i> ▪ An Exploratory Study on Collaboration Understanding in Software Development Social Networks <i>Magdaleno, Andréa M. (UFRJ); Araujo, Renata M. (UNIRIO); Werner, Cláudia M.L.(UFRJ)</i> ▪ Contextual web searches in Facebook using learning materials and discussion messages) <i>Santos, J. C. P. (UNIRIO) ; Fritzen, E. (UNIRIO) ; Siqueira, S. W. M. (UNIRIO); Braz, M.H.L.B. (Technical University of Lisbon); Andrade, L. C. V. (UNIRIO)</i> ▪ Cyberspace and the relation with knowledge in the university context <i>Rodrigues, A. C. (UFRJ), Magalhães, L. S. (UFF); Ramos, P. C. (UFF)</i> ▪ Discourse analysis as an approach to categorizing the domain of public policy: The case of Brazilian E-Government <i>Gontijo, Miriam; Dodebei, Vera; Orrico, Evelyn (UNIRIO)</i> <p style="text-align: right;">17:30</p> <p><i>Panel</i></p> <ul style="list-style-type: none"> ▪ People and Society <i>Moderator: Sean Siqueira (UNIRIO)</i> <i>Panelists: speakers of the session</i> 	<p><i>Tutorial (90 min)</i></p> <ul style="list-style-type: none"> ▪ ESL: a framework for Structure Learning <i>Ruy Luiz Milidiú (PUC-Rio)</i> 	<p><i>Invited presentation (40min)</i></p> <ul style="list-style-type: none"> ▪ Web Infrastructure: The Design and Deployment of a Wide-Area Network Infrastructure for Future Internet Experimentation in Brazil <i>Michael Stanton (RNP)</i> <p style="text-align: right;">16:40</p> <p><i>Communications 9 (10 min each)</i></p> <ul style="list-style-type: none"> ▪ On the Design of a Control and Monitoring Framework for a Future Internet Experimental Network in Brazil <i>Abelém, A.J.G. (UFPA); Farias, F. (UFPA); Machado, I. (RNP); Stanton, M.A. (RNP); Salvador, M.R. (CPqD); Magalhães, L.C.S. (UFF); Corrêa, S.L. (UFG); Marcondes, C.A.C. (UFSCar); Martins, J.S.B. (UNIFACS); Carvalho, T.C.M.B. (USP); Monteiro, J.A.S. (UFPE)</i> ▪ Advanced ICT support for cultural and scientific communities in Brazil <i>Carvalho, Dárlinton (RNP); Ciuffo, Leandro (RNP)</i> ▪ Human Activity Recognition using On-body Sensing <i>Ugulino, Wallace (PUC-Rio); Velloso, Eduardo (Lancaster University); Milidiu, Ruy L. (PUC-Rio); Fuks, Hugo (PUC-Rio);</i> <p style="text-align: right;">17:10</p> <p><i>Panel (20 min)</i></p> <ul style="list-style-type: none"> ▪ Web Infrastructure <i>Moderator: Michael Stanton (RNP)</i> <i>Panelists: speakers of the session</i>
16:00 - 18:00			<p style="text-align: right;">17:10</p> <p><i>Panel (20 min)</i></p> <ul style="list-style-type: none"> ▪ Web Infrastructure <i>Moderator: Michael Stanton (RNP)</i> <i>Panelists: speakers of the session</i> <p>Closing notes (10 min)</p>