

Curriculum Vitae

Informazioni personali

Cognome Nome **TALIA Domenico**
Cittadinanza Italiana
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Residenza lavorativa e recapiti

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Specializzazioni

Settore(i) scientifico-disciplinare ING-INF/05
Settore(i) ATECO 2007 72.19.09

Esperienza professionale

Anno inizio/Anno fine-In corso 2009-2014
Totale mesi 67
Tipo di rapporto Tempo determinato
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Principali mansioni e responsabilità
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Anno inizio/Anno fine-In corso 2001-in corso
Totale mesi 180
Tipo di rapporto Tempo indeterminato
Ruolo ricoperto Professore Ordinario di Sistemi di Elaborazione delle Informazioni
Principali mansioni e responsabilità
Nome del datore di lavoro Università della Calabria
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Settore ATECO 2007	72.19.09
Istruzione e formazione	
Anno inizio/Anno fine-In corso	1978-1982.
Tipologia	Diploma di Laurea precedente D.M. 509/99
Titolo conseguito	Laurea in Fisica
Votazione/valutazione conseguita	108/110
Nome dell'organizzazione erogatrice dell'istruzione e formazione	Università della Calabria
Attività di gestione, insegnamento e supervisione	<p>Dal dicembre 2017: Professore Aggiunto alla Fuzhou University, Cina.</p> <p>Dal settembre 2017: Professore Onorario alla Amity University, India.</p> <p>Dal febbraio 2014 al febbraio 2017: Presidente del Comitato Tecnico Scientifico del Centro ICT di Ateneo presso l'Università della Calabria</p> <p>Dal luglio 2008 al gennaio 2009, Direttore della Scuola di Dottorato in Ingegneria dei Sistemi, Informatica, Matematica e Ricerca Operativa (ISIMR) presso l'UNICAL.</p> <p>Dal dicembre 2003 al gennaio 2009, Coordinatore del Collegio di Dottorato in Ingegneria dei Sistemi e Informatica presso l'UNICAL.</p> <p>Dal luglio 2001, membro del Consiglio di Corso di Laurea in Ingegneria Informatica presso l'UNICAL.</p> <p>Dal luglio 2001, membro Collegio di Dottorato in Ingegneria dei Sistemi e Informatica presso l'UNICAL.</p> <p>Direttore del Corso di Alta Formazione in Tecnologie Libere e Open Source svolto presso l'Università della Calabria.</p> <p>Presidente della Commissione di esame del Dottorato in Ingegneria dei Sistemi e Informatica presso l'UNICAL per il XV ciclo.</p> <p>Componente della Commissione di esame del Dottorato in Ingegneria Elettronica presso l'Università di Reggio Calabria per il XV ciclo.</p> <p>Docente di alcuni moduli didattici dei corsi Master in Gestione della Conoscenza e Ingegneria della Conoscenza organizzati dal CIES in collaborazione con l'ICAR-CNR e l'Università della Calabria e componente del consiglio scientifico del Master in Gestione della Conoscenza.</p> <p>Nell'ultimo triennio sono stato relatore di 20 tesi di laurea, 4 tesi di dottorato e sono attualmente advisor di 1 studente iscritto al dottorato in Ingegneria dei Sistemi e Informatica.</p> <p>Da dicembre 2002 al Dicembre 2008, Presidente della commissione di Laurea per il Diploma Universitario in Ingegneria.</p> <p>Da ottobre 2001 a dicembre 2003, Responsabile per l'Università della Calabria dell'Azione Certificazione Informatica nell'ambito del progetto CampusOne.</p> <p>Dal 1997 a oggi, docente di 50 corsi universitari tenuti presso l'Università della Calabria e di 1 corso universitario tenuto presso l'Università di Napoli Federico II.</p> <p>Membro di numerosi progetti di ricerca finanziati con fondi Europei, nazionali e regionali.</p>

Libri

- D. Talia, *Big data and the Computable Society*, World Scientific, 2019.
- D. Talia, *La Società Calcolabile e i Big data*, Rubbettino, 2018.
- D. Talia, P. Trunfio, F. Marozzo, *Data Analysis in the Cloud*, Elsevier, 2015.
- D. Talia, P. Trunfio, *Service-oriented distributed knowledge discovery*, Chapman and Hall/CRC, 2012. ISBN 978-1-4398-7531-5.
- G. Spezzano, D. Talia, *Calcolo Parallelo, Automi Cellulari e Modelli per Sistemi Complessi*, Franco Angeli, Milan, Italy, 1999. ISBN 88-464-1374-1.
- M. Cannataro, G. Spezzano, D. Talia, *Programmazione Logica e Architetture Parallele*, Franco Angeli, Milan, Italy, 1993. ISBN 88-204-8041-7.

Volumi editi

- P. D'Ambra, M. Guarracino, D. Talia (Editors), *Proceedings of Euro-Par 2010, Part I*, Springer, 2010. ISBN 978-3-642-15276-4.
- P. D'Ambra, M. Guarracino, D. Talia (Editors), *Proceedings of Euro-Par 2010, Part II*, Springer, 2010. ISBN 978-3-642-15290-0.
- N. Meyer, D. Talia, R. Yahyapour (Editors), *Grid and Services Evolution*, Springer, 2009.
- D. Talia, R. Yahyapour, W. Ziegler (Editors), *Grid Middleware and Services: Challenges and Solutions*, Springer, USA, 2008. ISBN 978-0-387-78445-8.
- D. Talia, A. Bilas, M. Dikaiakos (Editors), *Knowledge and Data Management in Grids*, Springer, USA, 2007. ISBN 0-387-37830-8.
- N. Zhong, J. Bradshaw, S. Pal, D. Talia, J. Liu, N. Cercone (Editors), *Proceedings of the IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT 2004)*, IEEE Computer Society, USA, 2004. ISBN 0-7695-2101-0.
- D. Skillicorn, D. Talia (Editors), *Programming Languages for Parallel Processing*, IEEE Computer Society Press, USA, 1994. ISBN 0-8186-6502-5.

Articoli su riviste

- D. Talia, "A view of programming scalable data analysis: from clouds to exascale", *Journal of Cloud Computing*, vol. 8, no. 4, pp. 1-16, 2019.
- L. Belcastro, F. Marozzo, D. Talia, "Programming Models and Systems for Big Data Analysis". *International Journal of Parallel, Emergent and Distributed Systems*, vol. 34, pp. 632-652, 2019.
- L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "ParSoDA: High-Level Parallel Programming for Social Data Mining". *Social Network Analysis and Mining*, vol. 9, n. 1, 2019.
- L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "G-Rol: Automatic Region-of-Interest detection driven by geotagged social media data". *ACM Transactions on Knowledge Discovery from Data*, vol. 12, n. 3, pp. 27:1-27:22, January 2018.
- F. Marozzo, D. Talia, P. Trunfio, "A Workflow Management System for Scalable Data Mining on Clouds". *IEEE Transactions On Services Computing*, vol. 11, n. 3, pp. 480-492, 2018.
- L. Belcastro, F. Marozzo, D. Talia, "Programming Models and Systems for Big Data Analysis". *International Journal of Parallel, Emergent and Distributed Systems*, 2018.
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- A. Altomare, E. Cesario, C. Comito, F. Marozzo, D. Talia, "Trajectory Pattern Mining for Urban Computing in the Cloud". *Transactions on Parallel and Distributed Systems*, vol. 28, n. 2, pp. 586-599, 2017.
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- L. Belcastro, F. Marozzo, D. Talia, P. Trunfio, "Using Scalable Data Mining for Predicting Flight Delays". *ACM Transactions on Intelligent Systems and Technology (ACM TIST)*, 2016.
- F. Rodrigo Duro, F. Marozzo, J. Garcia Blas, D. Talia, P. Trunfio, "Exploiting in-memory storage for improving workflow executions in Cloud platforms". *The Journal of Supercomputing*, 2016.
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A. Congiusta, D. Talia, P. Trunfio, "Distributed data mining services leveraging WSRF". *Future Generation Computer Systems*, vol. 23, n. 1, pp. 34--41, Elsevier Science, January 2007.

E. Al-Shakarchi, P. Cozza, A. Harrison, C. Mastroianni, M. Shields, D. Talia, I. Taylor, "Distributing workflows over a ubiquitous P2P network". *Scientific Programming*, vol. 15, n. 4, pp. 269--281, IOS Press, 2007.

C. Comito, C. Mastroianni, D. Talia, "Metadata, Ontologies and Information Models for Resource Management in Grid-based PSE Toolkits". *International Journal of Web Services Research*, vol. 3, n. 4, pp. 52--72, IDEA Group Publishing, October 2006.

C. Mastroianni, D. Talia, O. Verta, "A super-peer model for resource discovery services in large-scale Grids". *Future Generation Computer Systems*, vol. 21, n. 8, pp. 1235--1248, Elsevier Science Publishers B. V., October 2005.

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C. Comito, D. Talia, P. Trunfio, "Grid Services: principles, implementations and use". *International Journal of Web and Grid Services*, vol. 1, n. 1, pp. 48--68, Inderscience Publishers, 2005.

M. Cannataro, A. Congiusta, A. Pugliese, D. Talia, P. Trunfio, "Distributed data mining on grids: services, tools, and applications". *IEEE Transactions on Systems, Man, and Cybernetics: Part B*, vol. 34, n. 6, pp. 2451--2465, IEEE Systems, Man, and Cybernetics Society, December 2004.

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D. Skillicorn, D. Talia, "Mining Large Data Sets on Grids: Issues and Prospects". *Computing and Informatics*, vol. 21, n. 4, pp. 347-362, 2002.

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