

## INFORMAZIONI PERSONALI

## Nicola Leone



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Sesso Maschile | Data di nascita 28/02/1963 | Nazionalità Italiana

## POSIZIONE RICOPERTA

Professore Ordinario di Informatica (INF/01)  
presso il Dipartimento di Matematica e Informatica  
dell'Università della Calabria

ESPERIENZA  
PROFESSIONALE

01/10/2000–alla data attuale

**Professore Ordinario del settore INF/01 – Informatica**  
Università della Calabria, Rende (Italia)

01/10/1995–30/09/2000

**Professore di "Datenbanksysteme - Informatik" (Sistemi di Basi Dati - Informatica)**  
Vienna University of Technology (TU Wien), Vienna (Austria)

17/10/1994–30/09/1995

**Ricercatore presso il CNR**  
Consiglio Nazionale delle Ricerche - Istituto di Sistemistica e Informatica (ISI-CNR), Rende (Italia)

01/01/1993–30/09/1995

**Professore a Contratto di Informatica e Borsista di Ricerca**  
Università della Calabria, Rende (Italia) e Consiglio Nazionale delle Ricerche (CNR)

01/01/1988–31/12/1992

**Ricercatore presso il CRAI**  
Consorzio Ricerca Applicazioni Informatica (CRAI), Rende (Italia)

## ISTRUZIONE E FORMAZIONE

30/06/1986–31/12/1987

**“Corso di alta formazione per specialisti informatici”, finanziato dal  
Fondo Sociale Europeo - FSE (con borsa di studio)**

Consorzio Ricerca Applicazioni Informatica (CRAI), Rende (Italia)

01/11/1981–30/06/1986

## Laurea Magistrale in Matematica<sup>1</sup>

Università della Calabria, Rende (Italia)

### COMPETENZE PERSONALI

Lingua madre Italiano

#### Altre lingue

	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
inglese	C2	C2	C2	C2	C2

Livelli: A1 e A2: Utente base - B1 e B2: Utente autonomo - C1 e C2: Utente avanzato

[Quadro Comune Europeo di Riferimento delle Lingue](#)

#### Competenze comunicative

#### Relazioni su invito a Conferenze scientifiche - Invited Speaker - (selezione)

- **10th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K-2018)**, Seville, Spain, 18-20 September, 2018. Relazione Invitata dal titolo: "The AI System DLV: Ontologies, Reasoning, and More".
- **Workshop on Logic and Practice of Programming (LPoP 2018)**, Oxford, UK, July 18, 2018. Relazione Invitata dal titolo: "On the development of Industrial Applications with ASP".
- **11th Reasoning Web Summer School (RW-15)**, Berlin, Germany from July 31 - August 4, 2015. Relazione Invitata dal titolo: "Answer Set Programming: A tour from the basics to advanced development tools and industrial applications".
- **7th International Conference on Web Reasoning and Rule Systems (RR-13)**, Mannheim, Germany, July 27-29, 2013. Relazione Invitata dal titolo: "Answer Set Programming: Language, Applications and Development Tools".
- **14th International Workshop on Non-Monotonic Reasoning (NMR 2012)**, Rome, Italy, June 8-10, 2012. Relazione Invitata dal titolo: "Toward the industrial application of NMR Systems".
- **3th International Workshop on Logic and Search (LaSh 2010)**, Edinburgh, U.K., July 15, 2010. Relazione Invitata dal titolo: "The intelligent grounder of DLV".
- **24th International Conference on Logic Programming (ICLP 2008)**, December 9-13 2008, Udine, Italy. Relazione Invitata dal titolo: "The DLV Project: A Tour from Theory and Research to Applications and Market".
- **First International Conference on Web Reasoning and Rule Systems (RR'07)**, Innsbruck (Austria), 7-8 June 2007. Relazione Invitata dal titolo: "OntoDLV: an Advanced DLP-Based System or Ontology Representation and Reasoning".
- **9th International Conference on Logic Programming and Nonmonotonic Reasoning - (LPNMR'07)**, Tempe, AZ., US, May 14-17, 2007. Relazione Invitata dal titolo: "Logic Programming and NonMonotonic Reasoning from Theory to Systems and Applications".
- **13th International Conference on Logic for Programming, Artificial Intelligence, and Reasoning (LPAR 2006)**, Phnom Penh, Cambogia, 13-17 Novembre 2006. Relazione Invitata dal titolo: "Disjunctive Logic Programming for Knowledge Representation and Reasoning".
- **Second International Summer School in Computational Logic (ISCL 2002)**, Acquafredda di Maratea (Basilicata, Italy) August 25-30, 2002. Corso dal titolo: "Disjunctive Logic Programming: a Declarative Language for Knowledge Representation and Reasoning".
- **Settimo Convegno Nazionale su Sistemi Evoluti per Basi di Dati (SEBD'99)**, Villa Olmo Como, 23-25 Giugno 1999 (tutorialist). Tutorial dal titolo: "Complexity and Expressive Power of Database Languages".
- **Workshop on Logic Approach to Artificial Intelligence**, Washington, D.C., 14-16 Giugno 1999. Relazione Invitata dal titolo: "Declarative Problem-Solving Using the DLV System".

<sup>1</sup> Laurea conseguita nel 1991, a due esami dalla laurea sospensione degli studi nel 1986 per seguire il corso di formazione FSE al CRAI.

**Divulgazione della Scienza**

- **Lectio Magistralis inaugurale dell'anno accademico 2016/17** dell'Università della Calabria su "Intelligenza Artificiale tra Gödel e Turing" alla presenza del Presidente della Repubblica Italiana. Rende, Italia, 6 Febbraio 2017.
- **Lectio Magistralis inaugurale dell'anno accademico 2018/19** dell'Università Popolare Mediterranea, "Intelligenza Artificiale: Opportunità e Insidie". Crotone, Italia, 15 Novembre 2018.
- **Lectio Magistralis conclusiva del Forum sul Turismo in Calabria**, "L'Intelligenza Artificiale al servizio del Turismo". Castello Ducale di Corigliano-Rossano, Italia, 1 Dicembre 2018.
- **Lectio Magistralis dell'evento pubblico conclusivo della Conferenza Europea di Logica in Intelligenza Artificiale**, "Intelligenza Artificiale: etica, opportunità, insidie", Università della Calabria, Teatro Auditorium, 11 Maggio 2019.

**Competenze organizzative e gestionali**

Novembre 2012-Ottobre 2018:

Novembre 2008-Ottobre 2012

Ottobre 2009-Dicembre 2018:

Ottobre 2014-Maggio 2018:

Luglio 2008-Dicembre 2018:

Da Gennaio 2003:

Da Gennaio 2005:

Gennaio 2012-Novembre 2013

Novembre 2008-Ottobre 2012:

Novembre 2001-Ottobre 2008:

Gennaio 2009-Ottobre 2013:

Gennaio 2002-Dicembre 2005:

**Incarichi Direttivi**

- Direttore del Dipartimento di Matematica e Informatica dell'Università della Calabria (rieletto nel 2015).
- Direttore del Dipartimento di Matematica dell'Università della Calabria.
- Direttore dell'Unità di Ricerca CINI (Consorzio Interuniversitario Nazionale per l'Informatica dell'Università della Calabria (rieletto nel 2012 e nel 2015).
- Direttore dell'Unità di Ricerca dell'INDAM (Istituto Nazionale di Alta Matematica F. Severi) dell'Università della Calabria.
- Coordinatore del Dottorato di Ricerca in Matematica e Informatica dell'Università della Calabria (rinnovato annualmente).
- Presidente del Comitato Direttivo della Conferenza Internazionale sulla Programmazione Logica e Ragionamento non monotono (LPNMR), da Gennaio 2003 (rieletto nel 2007, 2011, 2015).
- Membro del Comitato Direttivo della Conferenza Europea sulla Logica in Intelligenza Artificiale (JELIA), da Gennaio 2005.
- Delegato del Rettore alla Promozione della Qualità della Didattica.
- Direttore del Dipartimento di Matematica dell'Università della Calabria.
- Coordinatore del Consiglio di Corso di Studi dell'Università della Calabria.
- Direttore della Scuola di Dottorato in Ingegneria dei Sistemi, Informatica, Matematica e Ricerca Operativa dell'Università della Calabria.
- Membro del Comitato Direttivo del WASP - Working Group on Answer Set Programming, Finanziato dalla Commissione Europea nell'ambito del V programma quadro (2002-2005).

**Attività di servizio alla comunità scientifica****Editor di riviste scientifiche**

- **Area Editor** per Knowledge Representation and Nonmonotonic Reasoning della rivista *Journal of the Theory and Practice of Logic Programming*, Cambridge University Press.
- **Editor** di *Intelligenza Artificiale - The International Journal of the AI\*IA*, IOS Press.
- **Guest Editor** (Curatore) del numero Speciale su Rappresentazione della Conoscenza e Programmazione Logica del *Journal of Artificial Intelligence (AIJ)*, Elsevier, Volume 138, N. 1 e 2,

giugno 2002.

- **Guest Editor** (Curatore) dell'edizione speciale del *Theory and Practice of Logic Programming (TPLP)* per la 25a Conferenza Italiana di Logica Computazionale, 2012.

### Revisione e supervisione scientifica

- Membro di numerosi (oltre 100) comitati di programma di conferenze e workshop nei campi dell'Intelligenza Artificiale e delle Basi di dati, tra cui IJCAI, KR, AAAI, ECAI, ICLP, LPNMR, PODS, ICDT. Per diversi di questi meeting, il servizio è stato reso per un periodo prolungato.
  - Recenti comitati (selezione): ICLP 2019, JELIA 2019, ASPOCP 2019, Datalog2.0 2019, AI\*IA 2019, PADL 2019, PODS 2018, ICLP 2018, FOIKS 2018, AI\*IA 2017, KR 2016, JELIA 2016, FOIKS 2016, PAIS 2016, IJCAI 2015, GCAI 2015, AAAI 2015, AAAI 2014, JELIA 2014, KR 2014, PAIS 2014, LPNMR 2013, JELIA 2012, KR 2012, NMR 2012, ICLP 2012, ECAI 2012, 2011, ICLP 2011, LPNMR 2011, INAP 2011, KR 2010, JELIA 2010, IJCAI 2009, ICLP 2009, LPNMR 2009, ISWC 2009, ESWC 2009.
- Attività di revisione per numerosi convegni e riviste, tra cui molte riviste top, del calibro di ACM Transactions, Artificial Intelligence (AIJ), Journal of Artificial Intelligence Research (Jair) e IEEE Transactions.
- Revisore di progetti scientifici nazionali e di molti internazionali, in vari paesi, compresi i programmi UE.
- Relatore di più di 20 tesi di dottorato e più di 100 tesi di laurea magistrale su argomenti di Intelligenza Artificiale. (Molti ex studenti di Nicola Leone sono ora professori universitari e ricercatori di Intelligenza Artificiale di ottima reputazione. Ad esempio, solo per citarne alcuni, Francesco Scarcello è professore ordinario presso l'Università della Calabria, Wolfgang Faber è professore ordinario presso l'Università di Huddersfield, Christoph Koch è professore ordinario al Politecnico di Losanna, Axel Polleres, già in forza al DERI, è professore ordinario presso l'Università di Vienna. Mario Alviano, Francesco Calimeri, Giovanni Grasso, Marco Manna, Simona Perri e Francesco Ricca sono professori associati presso l'Università della Calabria.

## RICERCA E TRASFERIMENTO TECNOLOGICO

### Ricerca

#### Principali Aree di Ricerca

Le attività di ricerca si dispiegano nell'area dell' Informatica con particolare riferimento all'applicazione dell'Intelligenza Artificiale in diversi domini, nello specifico:

- Intelligenza Artificiale basata sulla Logica
- Sistemi di basi di dati e di conoscenza
- Answer Set Programming/Programmazione Logica Disgiuntiva
- Applicazioni dell'Intelligenza Artificiale per Turismo, Beni Culturali, Medicina e Ingegneria
- Problemi di Soddisfacimento di Vincoli (CSP)
- Rappresentazione della conoscenza e del Ragionamento
- Ragionamento non monotono
- Algoritmi e complessità computazionale nelle basi di dati e in intelligenza artificiale

#### Sistema di Intelligenza Artificiale DLV

Ha ideato il sistema di intelligenza artificiale DLV utilizzato in numerose Università e Centri di Ricerca internazionali. La tecnologia di DLV, riconosciuta come allo stato dell'arte nel campo dei sistemi di Answer Set Programming, è stata sperimentata anche al CERN di Ginevra, nonché in numerose applicazioni industriali.

### Trasferimento tecnologico

#### Spin-off accademici

Ha partecipato a numerosi progetti di ricerca applicata e trasferimento tecnologico in

collaborazione con industrie nazionali e internazionali (vedi sezione successiva), che hanno consentito la diffusione e il trasferimento dei risultati di ricerca nel territorio.

Ha fondato, con un gruppo di soci internazionali, lo spin-off accademico DLVSystem s.r.l. (Vincitore del concorso Start-Cup Calabria 2010) che opera nel campo dell'Intelligenza Artificiale.

## Finanziamenti

### Progetti di Ricerca nazionali e internazionali

#### **PRINCIPAL INVESTIGATOR (Responsabile scientifico dell'intero progetto)**

- PRIN 2019 (*Coordinatore Nazionale*). finanziato dal MIUR - Ministero dell'Istruzione, dell'Università e della Ricerca, "Declarative Reasoning over Streams". Costo: 716.538 Euro. Finanziamento: 299.952 Euro.
- PON 2014/2020 Ministero dello Sviluppo Economico. Progetto "Smarter Solutions in the Big Data World - S2BDW" (CUP: B28117000250008). Costo: 2.628.098 Euro. Finanziamento: 1.612.687 Euro.
- POR CALABRIA 2014/2020. Progetto "DLV Large Scale: un sistema per applicazioni di Intelligenza Artificiale in architetture data-intensive e mobile" (CUP: J28C17000220006). Costo: 728.622 Euro; Finanziamento: 498.000 Euro.
- Quinto Programma Quadro UE, Future Emerging Technologies (FET) (*Coordinatore Europeo*) - Progetto "INFOMIX: Boosting Information Integration" (IST-2001-33570 INFOMIX) 2001-2005. Costo: 1.630.140 Euro. Finanziamento: 815.070 Euro
- INTERLINK 2004-2006 - Progetto di internazionalizzazione Italia-Austria 2007, finanziato dal MIUR (Ministero dell'Istruzione, dell'Università e della Ricerca), Progetto "Sistemi Basati Sulla Logica per la Rappresentazione di Conoscenza: Estensioni e Tecniche di Ottimizzazione" (N. II04CG8AGG). Costo: 91.000 Euro. Finanziamento: 82.000 Euro
- PRIN 2006 (*Coordinatore Nazionale*), finanziato dal MIUR - Ministero dell'Istruzione, dell'Università e della Ricerca, "Potenziamento e Applicazioni della Programmazione Logica Disgiuntiva". Costo: 164.700 Euro. Finanziamento: 84.439 Euro
- FWF P11580-MAT. Progetto triennale 1996-1999 finanziato da FWF (Austrian Science Fund), che ha condotto allo sviluppo del Sistema di Intelligenza Artificiale DLV ancora oggi utilizzato in numerose università e centri di ricerca internazionali. Finanziamento (100% del costo): 2.416.000 OS (ante euro, valuta austriaca)
- POR CALABRIA 2007-2013: PIA 2010. Progetto "Knowrex: Un sistema per l'estrazione e la gestione della conoscenza" (Prot. Regione Cal. 4331). Costo: 621.618 Euro. Finanziamento: 467.714 Euro.
- POR CALABRIA 2007-2013: PIA 2010. Progetto iTravel PLUS "intelligent Touristic Advisor PLUS" (Prot. Regione Cal.n.4535). Costo: 524.600 Euro. Finanziamento: 383.500 Euro.
- POR CALABRIA 2007-2013 PIA 2008. Progetto "Estensioni e verticalizzazioni del Sistema di Intelligenza Artificiale DLV" (Prog. Num. 1220000330). Costo: 439.233 Euro. Finanziamento: 336.182 Euro.
- POR CALABRIA 2007-2013 PIA 2008. Progetto iTravel "intelligent Touristic Advisor" (Prog. Num. 1220000185). Costo: Euro 434.400. Euro. Finanziamento: 327.120 Euro.
- PON-01 (Piano Operativo Nazionale) 2011: Progetto di Formazione "Framer" (PON01\_02477/F - CUP: B28F11000540005) con Siemens. Costo e Finanziamento 415.529 Euro.
- PON-03 (Piano Operativo Nazionale) 2013: Progetto di Formazione "BA2Know Training" (PON03PE\_00001\_1\_F - CUP: B79D14016920001) con Consorzio pubblico-privato SI-LAB Calabria. Costo e Finanziamento: 450.000 Euro.

#### **RESPONSABILE UNITA` DI RICERCA (Selezione):**

- Agenda digitale D.M. 15/10/2014 Ministero dello Sviluppo Economico (MISE). Progetto "PIU' CULTURA - Paradigmi Innovativi per l'Utilizzo della Cultura" (Progetto n. F/020016/01-02/X27). Costo e Finanziamento unita`: 223.700 Euro.
- PON 2014/2020 Ministero dello Sviluppo Economico (MISE). Progetto "ALCMEONE" - Modelli innovativi di Integrated Care per una piattaforma e-Health. Costo unita`: 131.250 Euro. Finanziamento: 78.750 Euro.
- PON-03 (Piano Operativo Nazionale) 2013. Progetto di Ricerca "Business Analytics to Know - BA2KNOW" (PON03PE\_00001\_1 - CUP : B72F14000170003) con Consorzio pubblico-privato SI-LAB Calabria. Costo unita`: 474.999 Euro. Finanziamento: 354.999 Euro.

- POR Calabria 2007-2013, Agenda Strategica Poli di Innovazione. Progetto "THT Talent Hunter Technology" (CUP: J84E07000540005). Costo unità: 183.594 Euro. Finanziamento: 138.326 Euro.
- Quinto Programma Quadro UE. Progetto "ICONS: Intelligent Content Management System" (IST-2001-32429 ICONS).
- WASP: Gruppo di lavoro sulla Answer Set Programming (IST-2001-37004 WASP), 2002-2005.
- PON-01 (Piano Operativo Nazionale) 2011: Progetto di Ricerca "Frame" (PON01\_02477 - CUP: B21H11000610005) con Siemens e Progetto di Ricerca "TETRIS" (PON 01\_00451 - CUP: B21C11000210005) con ICT-SUD.
- POR CALABRIA 2000-2006 "*Ricerca e Sviluppo Tecnologico nelle imprese Regionali*". Progetto *Ellade*. ELectronic Live ADaptive Learning.

## PREMI E RICONOSCIMENTI

**Premi scientifici**

- Vincitore del **Test-of-Time Award** per il 2018 (*Oxford, UK, Luglio 2018*), alla 34-esima edizione della International Conference on Logic Programming (ICLP) – la conferenza mondiale di Programmazione Logica – per le ricerche presentate nell'articolo intitolato "Computable Functions in ASP - Theory and Implementation", pubblicato con Francesco Calimeri, Susanna Cozza e Giovambattista Ianni. Questo premio viene assegnato ogni anno per l'articolo, tra quelli pubblicati negli atti della conferenza ICLP dieci anni prima, che ha avuto il maggiore impatto sulla ricerca e applicazione della Programmazione Logica nel corso del decennio.
- Vincitore del **Best Student Paper Award** (*Melbourne, Australia, Agosto 2017*) alla 33-esima edizione della International Conference of Logic Programming (ICLP) - la conferenza mondiale di Programmazione Logica - per le ricerche presentate nell'articolo intitolato "Finite model reasoning over existential rules", svolte con Giovanni Amendola e Marco Manna.
- Vincitore del premio **Gems of PODS** (*San Francisco, USA, June 26, 2016*), per la ricerca su Hypertree Decompositions, svolta con Georg Gottlob, Gianluigi Greco e Francesco Scarcello. Il premio viene attribuito da un comitato scientifico internazionale alle ricerche ritenute fondamentali per l'evoluzione del settore delle basi di dati e che hanno avuto il maggior impatto sulla comunità scientifica mondiale. Il comitato di valutazione ha premiato la ricerca con la seguente motivazione: "your work on hypertree decomposition, has been very influential in query evaluation, query containment and, more recently, in the context of parallel and distributed algorithms for query evaluation. It is a gem and has been influential to the database community at large."
- Vincitore del **Best Paper Award** (*Cork, Irlanda, Settembre 2015*) alla International Conference on Logic Programming (ICLP) – la conferenza mondiale sulla Programmazione Logica – per le ricerche presentate nell'articolo intitolato "Complexity and Compilation of GZ-Aggregates in Answer Set Programming", svolte con Mario Alviano.
- Vincitore dell'**ACM-PODS Alberto O. Mendelzon Test-of-Time Award** per il 2009 (*Providence, New York, USA*), con Georg Gottlob e Francesco Scarcello. Il PODS (ACM Symposium on Principles of Database Systems) è la conferenza più importante al mondo nel settore delle Basi di Dati e della Database Theory in particolare. Questo premio viene assegnato ogni anno per l'articolo, tra quelli pubblicati negli atti della conferenza PODS dieci anni prima, che ha avuto il maggiore impatto in termini di ricerca, metodologia, o applicazione nel corso del decennio.
- Nominato **EurAI Fellow** ad Agosto 2012 (*Montpellier, Francia*). Questo riconoscimento viene conferito con cadenza biennale dal Comitato di Coordinamento Europeo per l'Intelligenza Artificiale (ECCAI) agli scienziati che hanno fornito contributi particolarmente significativi e prolungati al campo dell'Intelligenza Artificiale in Europa. I contributi valutabili variano da progressi pionieristici nella teoria dell'Intelligenza Artificiale (AI), a risultati straordinari nella tecnologia e nelle applicazioni dell'AI. La nomina a "EurAI Fellow" (precedentemente chiamato "ECCAI Fellow") viene conferita a non più del 3% dei migliori scienziati europei, e costituisce il più importante riconoscimento nel settore dell'Intelligenza Artificiale in Europa.

**Onorificenze Civiche**

- Vincitore del Premio **Città del Sole per la Ricerca Scientifica** per il 2018.
- Vincitore del Premio **Cedro della Riviera per la Ricerca Scientifica** per il 2017.
- Vincitore del Premio **Pericle D'Oro per la Ricerca Scientifica** per il 2016.
- Vincitore del Premio Internazionale "**La Calabria nel mondo**" per il 2013.
- Vincitore del premio **Galarte Scienza 2011** - patrocinato dal Presidente della Repubblica Italiana – assegnato ai migliori scienziati calabresi per il 2011.
- Vincitore di una **Onorificenza Civica**, nel 2011 a Diamante, per l'eccellenza delle attività di ricerca scientifica.
- Incluso nella lista dei migliori scienziati italiani della Via Academy ([www.via-academy.org](http://www.via-academy.org)), che comprende gli scienziati italiani più citati di tutte le discipline.

### **Presidenza di Comitati di Scientifici (Program/General Chair):**

- AI\*IA 2019 - 18th International Conference of the Italian Association for Artificial Intelligence, Cosenza, Italy, November 20-22, 2019 (General Chair).
- JELIA 2019 - 16th European Conference on Logics in Artificial Intelligence, Rende, Italy, May, 2019 (General Chair).
- Datalog 2.0 2019 - 3rd International Workshop on the Resurgence of Datalog in Academia and Industry, June 3-5, 2019, Philadelphia, PA (USA) (General Chair).
- PADL 2018 - 20th International Symposium on Practical Aspects of Declarative Languages, Los Angeles, California, United States, January 8-13 2018.
- LBFLR 2017 - International Workshop on Logic-Based Formalisms for Legal Reasoning, Rende, Italy, May 18-19, 2017.
- CILC'10 - 25mo Convegno Italiano di Logica Computazionale, Cosenza, Italia, Luglio 2010.
- LPNMR'05 - 8th International Conference on Logic Programming and NonMonotonic Reasoning (LPNMR), Diamante, Italy, September 5-8 2005.
- INFOMIX Workshop on Data Integration, Calabria, Italy, September 2005.
- APPIA-GULP-PRODE'03 - International Joint Conference on Declarative Programming, Reggio Calabria, Italy, September 2003.
- JELIA'02 - 8th European Conference on Logics in Artificial Intelligence, Rende, Italy, September 23-26, 2002.
- LPNMR'99 - 5th International Conference on Logic Programming and NonMonotonic Reasoning, El Paso, Texas, USA, December 2-4 1999.

## INDICATORI BIBLIOMETRICI

### **Dati Bibliometrici**

Oltre 270 articoli; curatore (editor) di 6 libri/edizioni speciali; 11 capitoli di libro; 81 Articoli su rivista; più di 170 articoli a conferenze/workshop (più di 140 a conferenze internazionali). Molti degli articoli su rivista o a conferenza nei forum più importanti (tra cui Artificial Intelligence, JACM, JAIR, JCSS, ACM TODS, ACM TOCL, IEEE TKDE, TCS, TPLP, ...) o alle conferenze principali (IJCAI, AAAI, FOCS, KR, ECAI, LPNMR, ICLP, PODS, ICDT, ...).

- Articoli presenti in DBLP: 250
- H-Index su Google Scholar: 54
- Citazioni su Google Scholar: 10.400
- Articoli presenti su Scopus: 205
- H-Index su Scopus: 38
- Citazioni su Scopus: 5.000

### **Valutazioni Ministeriali della Ricerca**

- VQR 2011-2014: 6 prodotti con valutazione "Eccellente", di cui 2 presentati direttamente e altri 4 presentati dai coautori.
- VQR 2004-2010: 11 prodotti con valutazione "Eccellente", di cui 3 presentati direttamente e altri 8 presentati dai coautori.
- VTR 2001-2003: 4 prodotti con valutazione "Eccellente" (CIVR).



## PUBBLICAZIONI SCIENTIFICHE

## Riviste Scientifiche

- 1 N. Leone, M. Manna, G. Terracina, P. Veltri. Fast Query Answering over Existential Rules, ACM Transactions on Computational Logic, ACM Press, Volume 20, Issue 2, April 2019.
- 2 Weronika T. Adrian, Mario Alviano, Francesco Calimeri, Bernardo Cuteri, Carmine Dodaro, Wolfgang Faber, Davide Fuscà, Nicola Leone, Marco Manna, Simona Perri, Francesco Ricca, Pierfrancesco Veltri, Jessica Zangari: The ASP System DLV: Advancements and Applications. KI 32(2-3): 177-179 (2018).
- 3 G. Amendola, N. Leone, M. Manna, Finite Model Reasoning over Existential Rules. Theory and Practice of Logic Programming, 2017, Cambridge university press, Vol. 17, issue 5-6, September 2017. pp. 726-743.<sup>2</sup>
- 4 G. Amendola, T. Eiter, N. Leone, J. Moura. Semi-Equilibrium Models for Paracoherent Answer Set Programs. Artificial Intelligence, Elsevier, volume 234, pp. 219–271, 2016.
- 5 C. Dodaro, P. Gasteiger, N. Leone, B. Musitsch, F. Ricca and K. Shchekotykhin. Combining Answer Set Programming and Domain Heuristics for Solving Hard Industrial Problems. Theory and Practice of Logic Programming, 2016, Cambridge university press, Vol. 16, issue 5-6, pp. 653-669.
- 6 E. Erdem, M. Gelfond, N. Leone. Applications of Answer Set Programming. AI Magazine, 2016, AAAI Press, volume 37, issue 3, pp. 53-68.
- 7 B. Kaufmann, N. Leone, S. Perri, T. Schaub. Grounding and Solving in Answer Set Programming. AI Magazine, 2016, AAAI Press, volume 37, issue 3, pp. 25-32.
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#### DATI PERSONALI

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Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".