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Top World's Artificial Intelligence Researchers and Influencers

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"Someday AI will change the world. But it is important to realize that statistics ≠ knowledge, and that <<deep learning>> is much more superficial than people realize. We still have a long way to go", said Gary Marcus, Founder and CEO of Geometric Intelligence for Onalytica. From my perspective, this long way can become easier, on the one hand, with the help of researchers, and on the other hand, with the support of Artificial Influencers (AI) that spread the word and make people and organizations conscious about the Artificial Intelligence's benefits.

The idea of artificial intelligence (AI) has been around since the 1950s and typically conjures up images of fully conscious robots. The manufacturing industry has exploited the use of AI being motivated by the

competitive challenge of improving quality while at the same time decreasing costs and reducing design and production time. All of these were possible due to the researchers from academic side either corporate side.

In this article, we list the Top 10 researchers in Artificial Intelligence and Automation. The stats are based on **League of Scholars algorithms (https://www.leagueofscholars.com/index.php)**, that rank scholars around the world not simply on their citations or H-Index but also by a new proprietary ranking that takes into account a range of quality and relevance factors. These are - the impact factor and influence of the venue, industry collaboration and public engagement via high profile media.

Rank	Academic Name			Institution	Country	Citations in last 5 years	h-index for last 5 years	Estimate Ag
1	Joo-Ho Lee			Ritsumeikan University	●	12,922	33	4
2	Tung-Kuan Liu					8,042	37	4
3	Tore Hägglund			Lund University		7,486	32	5
4	W.L. Xu			University of Auckland		6,962	29	4
5	Qiang Chen			Zhejiang University of Technology		6,710	32	5
6	Amit Konar			Jadavpur University		4,004	27	4
7	Yihai He			City University of Hong Kong		2,749	23	4
8	T. Warren Liao			Louisiana State University		2,722	25	4
9	Malik Ghallab			French National Centre for Scientific Research		2,451	15	5
10	Radu-Emil Precup			Universitatea Politehnica Timisoara		2,364	26	4

This table was generated using League of Scholars tools (https://www.leagueofscholars.com/index.php).

Top world's Top 10 researchers in Artificial Intelligence and Automation

- **Joo-Ho Lee, Ph.D.** (https://www.leagueofscholars.com/authpro-file.php?auth=ac4368899e29141b4a1456e8909a5ed6) is a professor at **Ritsumeikan University, in Japan**. He is engaged in the research on the interfaces, algorithms, and systems to realize more advanced machine to machine, machine to human, and human to human via machine interactions. Academic awards: IEEE Robotics and Automation Society 2015 ICRA Challenge 2nd Place Winner 05/2015, The Society of CAD/CAM Engineers Gaheon Award 01/2015 IEEE, Industrial Electronics Society Best Paper in Session 11/2013.

- **Tung-Kuan Liu**, **Ph.D** (https://www.leagueofscholars.com/authpro-file.php?auth=12247a9d1f5350e361ed8c3dbe977d0e). is Distinguished Professor at **National Kaohsiung First University of Science and Technology in Taiwan**. Skills and expertise: Genetic Algorithm, Evolutionary Algorithms, Evolutionary Computation, Scheduling, Optics, Optimization, Multiobjective Optimization, Algorithms, Global, Optimization, Data Compression, Anodization, Algorithm Design, Heuristics.

- **Tore Hägglund, Ph.D.** (https://www.leagueofscholars.com/authpro-

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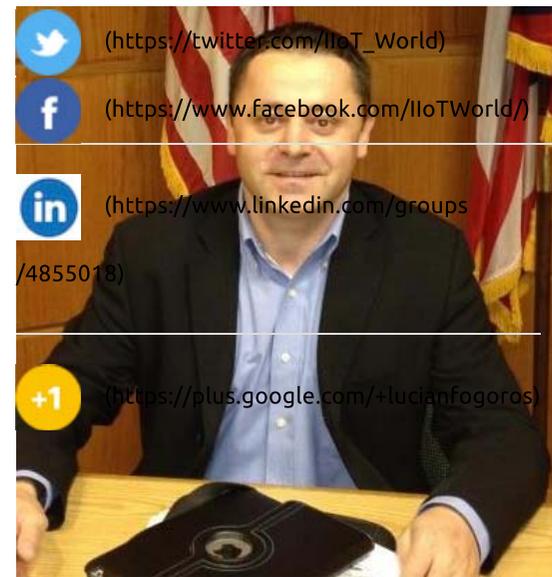
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file.php?auth=e7a9eff60c3fdb79f33c00ada36226f9) is the Head of Department of Automatic Control at **Lund University in Sweden**. Distinctions • Awards from "Innovation Cup" 1985 (Automatic tuning), 1989 (Deadtime compensator), 1993 (Oscillation detection), 1997 (Detection of conservative tuning), and 1999 (Ratio controller). • Best paper award at the IFAC Workshop on Digital Control - Past, present, and future of PID control, Terrassa, Spain, 2000. • Excellent Teaching Practitioner (ETP) at the Pedagogic Academy of LTH, Lund 2002. • Raymond D. Molloy Award from ISA for being a best-selling author (2007).

- **W.L. Xu, Ph.D** (https://www.leagueofscholars.com/authpro-file.php?auth=8ff4bd179a4b08d1aa2586e0ccc2bd17).k is a professor at the **University of Auckland**, City University of Hong Kong, Massey University, University of Stuttgart. He is specialized in Robotics, Mechatronics & Automation.

- **Qiang Chen, Ph.D.** (https://www.leagueofscholars.com/authpro-file.php?auth=89288bb4e0c7c30017b1397894c4158c) - Research Scientist of Qihoo and professor at the **Zhejiang University of Technology in China**. He is specialized in Artificial Intelligence and industrial automation, Visual Recognition and adaptive control.

- **Amit Konar, Ph.D.** (https://www.leagueofscholars.com/authpro-file.php?auth=94e051b681736857174fa512d6444b73) is currently a Professor in the Department of Electronics and Tele-Communication Engineering, **Jadavpur University, Calcutta, India,** and Joint Coordinator, Center for Cognitive Science, Jadavpur University. He is also the founding coordinator of a regular M.Tech. Program on Intelligent Automation and Robotics, offered by Jadavpur University.

- **Yihai He, Ph.D.** (https://www.leagueofscholars.com/authprofile.php?auth=3aa88118b462cc2dc-fabf7625439c89b) is a visiting fellow at the **City University of Hong Kong** (2015.3-2016.3, Cooperated Prof.Xie Min). He received his Ph.D. in industrial and manufacturing systems engineering from Beihang University in 2006 under the supervision of Prof.Xiaoqing Tang. His main research interests are Reliability techniques in manufacturing, PHM of manufacturing systems, Advanced quality engineering techniques, Quality risk analysis and early warning, etc., his research is granted by NSFC.

- **T. Warren Liao, Ph.D (https://www.leagueofscholars.com/authpro-file.php?auth=2e1edd82e56397339e0739af054b23cd).** is Professor of Industrial Engineering at **Louisiana State University**. Dr. Liao's research goal is to produce useful results to the real world in the fields of manufacturing processes, manufacturing systems, and supply chain logistics systems.

- **Malik Ghallab, Ph.D**. (https://www.leagueofscholars.com/authpro-file.php?auth=fe2a47ea7a18d185a43eceeb31ab1912) is Director of Research at **French National**

Centre for Scientific Research (CNRS), since September 2011. Dr. Ghallab taught Robotics and Artificial Intelligence graduate courses at Toulouse and other universities, e.g., Ecole doctorale Systèmes, Ecole doctorale Informatique et Télécom, DEA d'AIITS, Ecole Nationale Supérieure de l'Aéronautique et de l'Espace, Ecole Nationale Supérieure des Télécommunications à Paris. He also contributed to the founding and organization of the "competitiveness cluster on Aeronautics, Space and Embedded Systems", this cluster organizes about 500 companies involved.

- **Radu-Emil Precup, Ph.D.** (https://www.leagueofscholars.com/authpro-file.php?auth=4b3083dcf09cf2a265afdeadf312f432) is currently with the **Politehnica University of Timisoara, Romania**, where he became a Professor in the Department of Automation and Applied Informatics, in 2000, and he is currently a Doctoral Supervisor of automation and systems engineering. He is also an Adjunct Professor at the School of Engineering, Edith Cowan University, Joondalup, WA, Australia, and an Honorary Professor and a Member of the Doctoral School of Applied Informatics with the Óbuda University (previously named Budapest Tech Polytechnical Institution), Budapest, Hungary. He is currently the Director of the Automatic Systems Engineering Research Centre with the Politehnica University of Timisoara, Romania. He has been an Editor-in-Chief of the International Journal of Artificial Intelligence since 2008, and he is also on the editorial board of several other prestigious journals including Applied Soft Computing (Elsevier) and Evolving Systems (Springer). His research interests include mainly development and analysis of new control structures and algorithms.

None of these researchers have a strong presence on social media, and this is understandable as their primary goal is to be among the first in the research field. To spread their work and achievements here (http://www.onalytica.com/blog/posts/artificial-intelligence-2017-top-100-influencers-brands-and-publications/) is a new report, published yesterday by Onalytica – Artificial Intelligence 2017, with Top 100 Influencers, Brands and Publications.
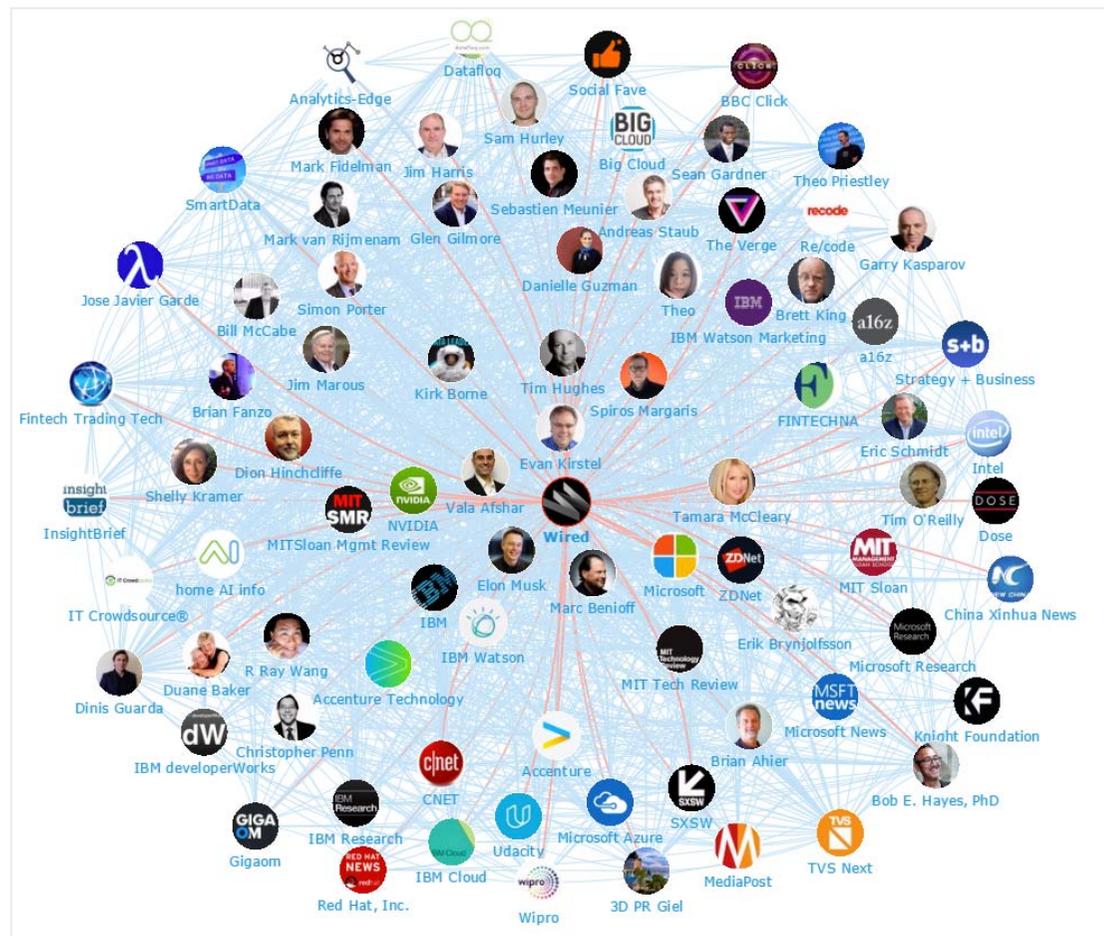
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