## Julia Computing Wins RiskTech100 2018 Rising Star Award

November 17, 2017

NEW YORK, Nov. 17, 2017 — Julia Computing was selected by Chartis Research as a <u>RiskTech Rising Star</u> (<u>https://newsletter.juliacomputing.com/sendy///2ITN9ryYIH0aXrqgRXyMgw/8s28KrdY8924yyh2udNMDhHQ/RynluHsC8763qkBRu8920Q763jJA)</u> 1 2018.

The RiskTech100 Rankings are acknowledged globally as the most comprehensive and independent study of the world's major players in risk and compliance technology. Based on nine months of detailed analysis by Chartis Research, the RiskTech100 Rankings assess the market effectiveness and performance of firms in this rapidly evolving space.

## Rob Stubbs, Chartis Research Head of Research, explains, "We interviewed

(https://newsletter.juliacomputing.com/sendy///2ITN9ryYIH0aXrqgRXyMgw/Ss892hhojndrrbTrc892aWoiow/RynluHsC8763qkBRu8920Q763jJA) the (https://isk technology buyers, vendors, consultants and systems integrators to identify the leading RiskTech firms for 2018. We know that risk analysis, textrisk management and regulatory requirements are increasingly complex and require solutions that demand speed, performance and ease of use. the fulia Computing has been developing next-generation solutions to meet many of these requirements.

# computer example, <u>Aviva</u>

risk(<u>Battps://newsletter.juliacomputing.com/sendy//2ITN9ryYIH0aXrqgRXyMgw/j7EHaPMg3892tCxyi4qdW892TQ/RynluHsC8763qkBRu8920Q763jJA</u>) 2019ritain's second-largest insurer, selected Julia to achieve compliance with the European Union's new Solvency II requirements. According to Tim rising fromham, Aviva's Director of Financial Modeling Solutions, "Solvency II compliant models in Julia are 1,000x faster than our legacy system, use starawa89% fewer lines of code and took 1/10 the time to implement." Furthermore, the server cluster size required to run Aviva's risk model simulations fell

95% from 100 servers to 5 servers, and simpler code not only saves programming, testing and execution time and reduces mistakes, but also fincreases code transparency and readability for regulators, updates, maintenance, analysis and error checking. (http://

## u=hApout Julia and Julia Computing

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riskte high performance open source computing language for data, analytics, algorithmic trading, machine learning, artificial intelligence, and many other 2018 mains. Julia solves the two language problem by combining the ease of use of Python and R with the speed of C++. Julia provides parallel risingstar opportuning capabilities out of the box and unlimited scalability with minimal effort. For example, Julia has run at petascale

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650,000 cores with 1.3 million threads to analyze over 56 terabytes of data using Cori, the world's sixth-largest supercomputer. With more than 1.2 in million downloads and +161% annual growth, Julia is one of the top programming languages developed on GitHub. Julia adoption is growing rapidly (http:// minj#tinance, insurance, machine learning, energy, robotics, genomics, aerospace, medicine and many other fields.

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winsounded in 2015 by all the creators of Julia to develop products and provide professional services to businesses and researchers using Julia. Julia risktec 2019 omputing offers the following products:

#### risingstar-JuliaPro

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data science professionals and researchers to install and run Julia with more than one hundred carefully curated popular Julia packages on a paptop or desktop computer
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## risktecJuliaFin

<sup>2018</sup>rising star- financial modeling, algorithmic trading and risk analysis including Bloomberg and Excel integration, Miletus for designing and executing trading awardstrategies and advanced time-series analytics

## 😭 <u>JuliaDB</u>

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#### wire%2 computingBox

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rising learn more about how Julia users deploy these products to solve problems using Julia, please visit the Case Studies

starawaldttps://newsletter.juliacomputing.com/sendy///2ITN9ryYIH0aXrqgRXyMgw/X5FYmH1xME9are1Y65IJWQ/RynluHsC8763qkBRu8920Q763jJA) sec on the Julia Computing Website

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Julia users, partners and employers hiring Julia programmers in 2017 include Amazon, Apple, BlackRock, Capital One, Comcast, Disney, Facebook, Ford, Google, IBM, Intel, KPMG, Microsoft, NASA, Oracle, PwC, Uber, and many more.

## About Chartis Research

#### Chartis Research

(https://newsletter.juliacomputing.com/sendy//2ITN9ryYIH0aXrqgRXyMgw/Itr8DmbDeQFI892R34z763VA3Q/RynluHsC8763qkBRu8920Q763jJA) a leading provider of research and analysis on the global market for risk technology. It is part of Infopro Digital, which owns market-leading brands such as Risk and WatersTechnology. Chartis' goal is to support enterprises as they drive business performance through improved risk management, corporate governance and compliance, and to help clients make informed technology and business decisions by providing in-depth analysis and actionable advice on virtually all aspects of risk technology.

#### Source: Julia

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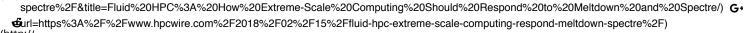
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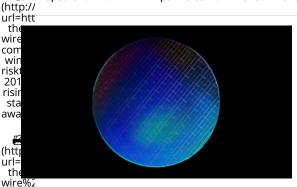
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winScale%20Computing%20Should%20Respond%20to%20Meltdown%20and%20Spectre+https%3A%2F%2Fwww.hpcwire.com%2F2018%2F02%2F15%2 risktesectre%2F) in (http://www.linkedin.com/shareArticle?mini=true&url=https%3A%2F%2Fwww.hpcwire.com%2F2018%2F02%2F15%2Ffluid-hpc-extrem 2018-

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risingebate around what makes a good qubit and how best to manufacture them is a sprawling topic. There are many insistent voices favoring one or another approach. Referencin sta[https://www.hpcwire.com/2018/02/14/intel-touts-silicon-spin-gubits-guantum-computing/) awardt

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computing%2F&title=Intel%20Touts%20Silicon%20Spin%20Qubits%20for%20Quantum%20Computing&source=https%3A%2F%2Fwww.hpcwire.com/)

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(http://mpetition in the white hot AI (and public cloud) market pits Google against Amazon this week, with Google offering AI hardware on its cloud platform intended to make it easi text

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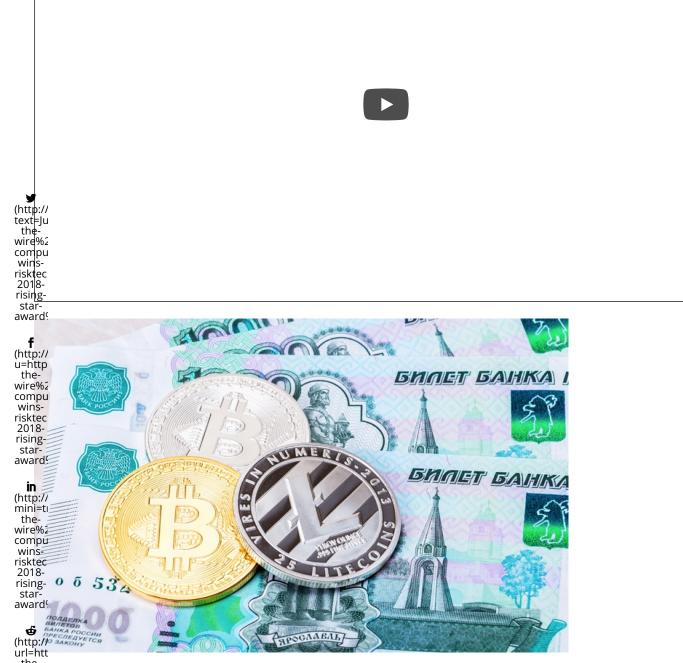
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wire the strength wire wire com/2018/02/12/food-industrys-next-journey-mars-exascale/)

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Wink to be the world's leading chocolate companies Mars Inc. has a unique perspective on the impact that exascale computing will have on the food industriskted ustrys-next-journey-mars-exascale/)

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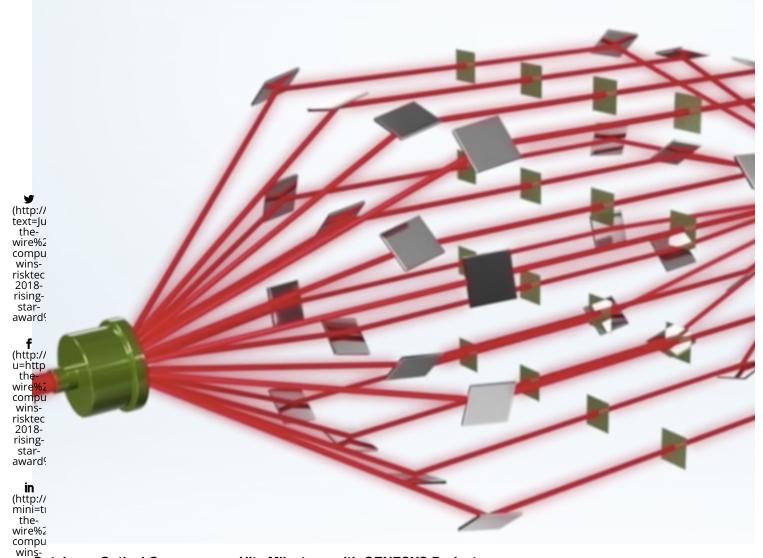
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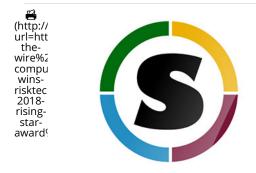
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awa@#talysys, a U.K company seeking to commercialize optical co-processor technology, today announced completion of its Genetic Search System (GENESYS) project conducte (http://www.earlham.ac.uk)). Read more... (https://www.hpcwire.com/2018/02/12/optalysys-optical-co-processor-hits-milestone-genesys-project/)

By John Russell

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(https://www.hpcwire.com/2018/02/08/startup-brings-hpc-containers-enterprise/)