

# Thornton Tomasetti

CONTACT: Great Ink Communications – 212-741-2977  
Eric Gerard/Lindsay Church/Anne Kazel-Wilcox  
[egerard@greatink.com](mailto:egerard@greatink.com); [lindsay@greatink.com](mailto:lindsay@greatink.com); [anne@greatink.com](mailto:anne@greatink.com)

Thornton Tomasetti, Inc. – 917-661-7800  
James M. Kent [JKent@ThorntonTomasetti.com](mailto:JKent@ThorntonTomasetti.com)

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***FOR IMMEDIATE RELEASE***

## **Dr. Mahesh Kailasam Joins Thornton Tomasetti's Weidlinger Applied Science Practice as Vice President in Cupertino, California**

**(Cupertino, Calif. – August 2, 2017)** – Thornton Tomasetti, the international engineering firm, announces that Dr. Mahesh Kailasam has joined its Weidlinger Applied Science practice as a vice president and director of the Cupertino, California, office. Mahesh has 20 years of experience in the deployment of modeling and analysis techniques for solving demanding problems in life science, high-tech, energy and other industries.

### **Key Points**

- Leveraging Thornton Tomasetti's considerable expertise in modeling and simulation, Dr. Kailasam will foster new partnerships with leaders in the life science and high-tech sectors in the San Francisco Bay area and beyond, and lead the expansion of the Weidlinger Applied Science practice in these fields.
- In the first of such partnerships, Thornton Tomasetti announces its membership in the Living Heart Project, a transformational initiative that uses multiphysics simulations of the human heart to improve cardiac care. Dr. Kailasam will direct the Weidlinger Applied Science practice's contributions to the project, working alongside leading medical device companies, researchers, clinicians and regulatory agencies.
- Dr. Kailasam previously held numerous roles at Dassault Systèmes, the software company behind the Living Heart Project. Most recently, he led the effort to accelerate the adoption of virtual human modeling and simulation to improve medical device development and clinical diagnosis processes.
- During his career, Dr. Kailasam established partnerships with major oil and gas companies, which resulted in new simulation tools and methods for safer and more efficient exploration and production, such as hydraulic fracturing. He worked closely with key high-tech companies to establish modeling and simulation-based approaches for drop testing and display protection, methods that are now widely used in the industry. He was also involved with R&D and product management of Abaqus (finite element analysis), and has experience in strategic planning, acquisitions and industry diversification.



- Dr. Kailasam has master's and doctorate degrees in mechanical engineering and applied mechanics from the University of Pennsylvania and a bachelor of technology degree in mechanical engineering from the Indian Institute of Technology, Madras.

### **Executive Quotes**

Najib Abboud, Ph.D., P.E., senior principal and Weidlinger Applied Science practice leader

*"We are excited about this new phase in the evolution of the Weidlinger Applied Science practice's 45-year presence in Silicon Valley. As Mahesh continues to develop collaborative relationships in the life science and high-tech industries, it will strengthen Thornton Tomasetti's reputation as consultant of choice for leading global companies seeking to solve pressing challenges facing their industries."*

Mahesh Kailasam, Ph.D., vice president, Weidlinger Applied Science

*"I look forward to the challenges of expanding and diversifying the Weidlinger Applied Science practice with the goal of positioning Thornton Tomasetti as a key player in accelerating the innovation taking place in life science and high-tech industries."*

### **Supporting Materials**

Thornton Tomasetti

[www.ThorntonTomasetti.com](http://www.ThorntonTomasetti.com)

Mahesh Kailasam

[http://www.thorntontomasetti.com/people/mahesh\\_kailasam/](http://www.thorntontomasetti.com/people/mahesh_kailasam/)

Weidlinger Applied Science Practice

[http://www.thorntontomasetti.com/services/weidlinger\\_applied\\_science/](http://www.thorntontomasetti.com/services/weidlinger_applied_science/)

Cupertino Office

<http://www.thorntontomasetti.com/office/cupertino/>

### **About Thornton Tomasetti**

Thornton Tomasetti is a leader in engineering design, investigation and analysis serving clients worldwide on projects of all sizes and complexity. Through its 10 complementary practices, Thornton Tomasetti addresses the full life cycle of a structure. We have supported clients working in more than 50 countries, with projects that include the tallest buildings and longest spans to the restoration of prized historic properties. Thornton Tomasetti comprises more than 1,200 engineering, architecture, sustainability and support professionals who collaborate from offices across North America, Asia-Pacific, Europe, Latin America and the Middle East.

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