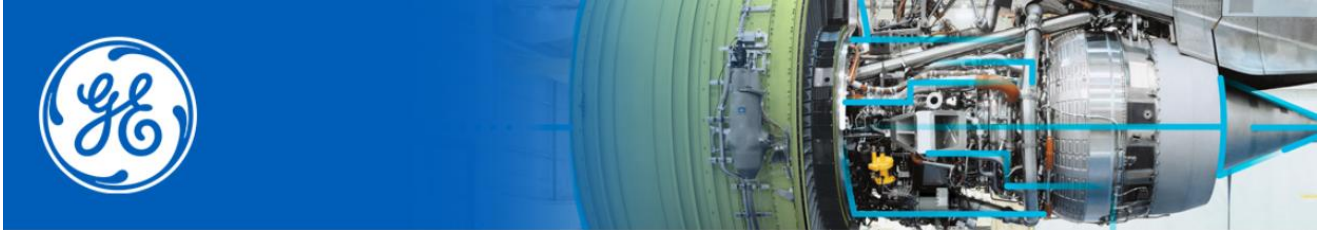




GE Aviation

Compressor Aero Dynamics Lead Engineer (m/f/d)

📍 München 📄 Feste Anstellung 🕒 Vollzeit



GE Aviation is the leading manufacturer of jet engines for civil and military aviation in the world producing 37 types of engines that power 91 types of aircrafts. In addition, the company produces engine derivatives for propulsion of ships and power plants, and renders services (through GE Engine Services) in the field of repair and maintenance of aircraft engines.

We are now looking for a technical expert in the field of compressor aerodynamics who will be responsible for leading and supporting aero design, analysis and validation activities for new products introduction and technology maturation programs.

Your tasks

Essential Responsibilities:

- Lead aerodynamic design, testing and analysis of novel compressor configurations, specifically in the context of GE Aviation RISE technology maturation and demonstration program.
- Coordinate aero design with other technical disciplines, with understanding of engine integration at system level.
- Manage and drive research and technology activities targeting next-generation applications, including planning of external funding proposals.
- Participate in and lead technical reviews, support design best practices interfacing with the global GE Aviation engineering team.
- Participate in problem solving and innovation initiatives.
- Identify improvement opportunities and apply Lean tools to remove waste.

Your profile

Qualifications/Requirements:

- Master degree in Mechanical/Aerospace Engineering with substantive level of experience in the field of turbomachinery aerodynamics.
- Good understanding of the physics and principles associated with compressor aerodynamic design.
- Proven track record in delivering on complex programs and ability to work in cross-functional global team in multi-cultural environments.
- Demonstrated ability to advance the technology state of the art and ability to generate innovative solutions.
- Fluency in English.

Desired Characteristics:

- Hands-on experience in computational fluid dynamics, design optimization and data analytics.
- Experience in scale and full-scale testing, including test planning, instrumentation, test conduct and data analysis.
- Self-directed, highly motivated, able to manage work-load across several activities.
- Quick learner, flexible attitude, exceptional communication skills.
- Keen listener, proven facilitation and collaboration skills.
- Passion for technical excellence and technology advancement.
- German language.

We offer

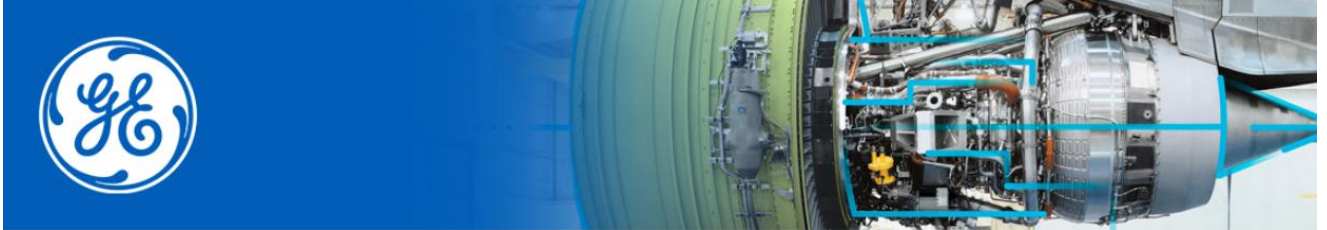
GE Aviation offers flexible and individually tailored benefits programme with wide range of compensation elements.



GE Aviation

Fan & Compressor Aerodynamics Expert (m/f/d)

📍 München 📄 Feste Anstellung 🕒 Vollzeit



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We are now looking for a recognized technical expert in the field of fan and compressor aerodynamics who will be responsible to provide technical leadership and lead aero technology work-packages at engine module level, assuring compliance with the design execution quality requirements from the GE Aviation Chief Engineer Office.

Your tasks

Your specific responsibilities will include:

- Lead aerodynamic design, testing and analysis of open fan configurations, specifically in the context of GE Aviation RISE technology maturation and demonstration program.
- Manage resources assigned to the project, prioritize activities to deliver program objectives on time, while meeting cost and quality requirements.
- Represent aero team in the coordination with other technical disciplines, with understanding of engine integration at system level.
- Manage and drive research and technology activities targeting next-generation applications, including planning of external funding proposals.
- Lead technical reviews, support design best practices interfacing with the global GE Aviation engineering team.
- Participate in problem solving and innovation initiatives.
- Identify improvement opportunities and apply Lean tools to remove waste.

Your profile

Qualifications/Requirements:

- Master degree in Mechanical/Aerospace Engineering with very significant level of industrial experience in the field of fan and compressor aerodynamics.
- Strong understanding of the physics and principles associated with turbomachinery design.
- Proven track record in delivering on complex programs and ability to work in cross-functional global team in multi-cultural environments.
- Demonstrated ability to advance the technology state of the art and ability to generate innovative solutions.
- Fluency in English.

Desired Characteristics:

- Hands-on experience in computational fluid dynamics, design optimization and data analytics.
- Experience in scale and full-scale testing, including test planning, instrumentation, test conduct and data analysis.
- Self-directed, highly motivated, able to manage work-load across several activities.
- Quick learner, flexible attitude, exceptional communication skills.
- Keen listener, proven facilitation and collaboration skills.
- Passion for technical excellence and technology advancement.
- German language.

We offer

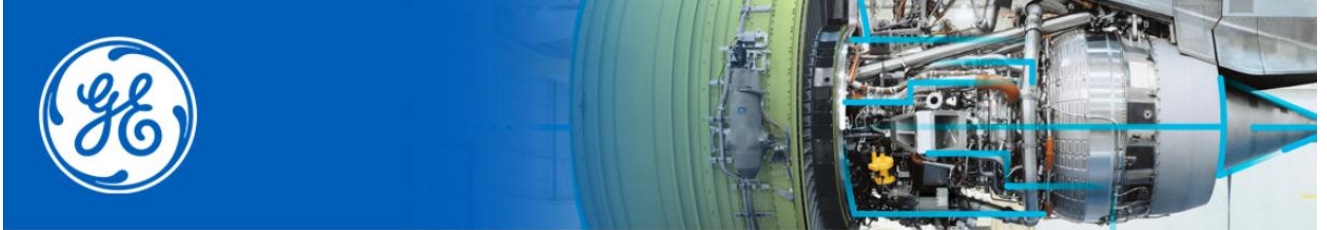
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GE Aviation

LEAD Engineer Turbine Aero (m/f/d)

München Feste Anstellung Vollzeit



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As a technical expert in the field of turbine aerodynamics, the Lead Engineer will report to the Munich site Senior Engineer Manager for Turbomachinery and will be responsible for leading and supporting aero design, analysis and validation activities for new products introduction and technology maturation programs.

Your tasks

Essential Responsibilities:

- Lead aerodynamic design, testing and analysis of novel high and low pressure turbines, transition duct and turbine center frames, specifically in the context of GE Aviation RISE technology maturation and demonstration program.
- Coordinate aero design with other technical disciplines, with understanding of engine integration at system level.
- Manage and drive research and technology activities targeting next-generation applications, including planning of external funding proposals.
- Participate in and lead technical reviews, support design best practices interfacing with the global GE Aviation engineering team.
- Participate in problem solving and innovation initiatives.
- Identify improvement opportunities and apply Lean tools to remove waste.

Your profile

Qualifications/Requirements:

- Master degree in Mechanical/Aerospace Engineering with substantive level of experience in the field of turbomachinery aerodynamics.
- Good understanding of the physics and principles associated with turbine aerodynamic design.
- Proven track record in delivering on complex programs and ability to work in cross-functional global team in multi-cultural environments.
- Demonstrated ability to advance the technology state of the art and ability to generate innovative solutions.
- Fluency in English.

Desired Characteristics:

- Hands-on experience in computational fluid dynamics, design optimization and data analytics.
- Experience in scale and full-scale testing, including test planning, instrumentation, test conduct and data analysis.
- Self-directed, highly motivated, able to manage work-load across several activities.
- Quick learner, flexible attitude, exceptional communication skills.
- Keen listener, proven facilitation and collaboration skills.
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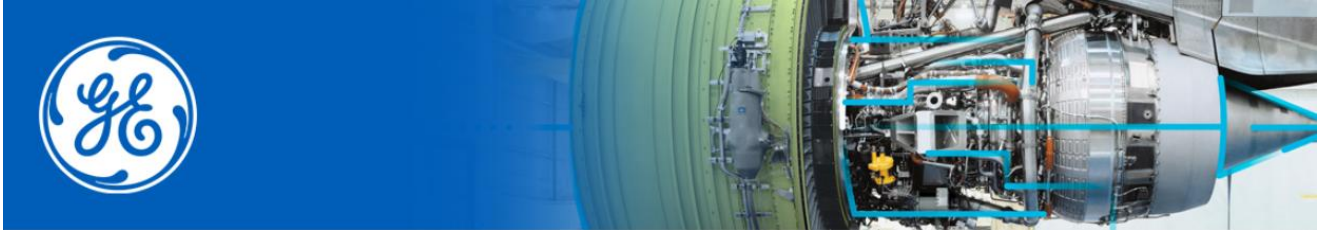
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GE Aviation

Turbine Aerodynamics Expert (m/f/d)

München Feste Anstellung Vollzeit



GE Aviation is the leading manufacturer of jet engines for civil and military aviation in the world producing 37 types of engines that power 91 types of aircrafts. In addition, the company produces engine derivatives for propulsion of ships and power plants, and renders services (through GE Engine Services) in the field of repair and maintenance of aircraft engines.

As a recognized technical expert in the field of turbine aerodynamics will be responsible to provide technical leadership and lead aero technology work-packages at engine module level, assuring compliance with the design execution quality requirements from the GE Aviation Chief Engineer Office.

Your tasks

Specific responsibilities will include:

- Lead aerodynamic design, testing and analysis of novel high and low pressure turbines, transition duct and turbine center frames, specifically in the context of GE Aviation RISE technology maturation and demonstration program.
- Manage resources assigned to the project, prioritize activities to deliver program objectives on time, while meeting cost and quality requirements.
- Represent aero team in the coordination with other technical disciplines, with understanding of engine integration at system level.
- Manage and drive research and technology activities targeting next-generation applications, including planning of external funding proposals.
- Lead technical reviews, support design best practices interfacing with the global GE Aviation engineering team.
- Participate in problem solving and innovation initiatives.
- Identify improvement opportunities and apply Lean tools to remove waste.

Your profile

Qualifications/Requirements:

- Master degree in Mechanical/Aerospace Engineering with very significant level of industrial experience in the field of turbine aerodynamics.
- Strong understanding of the physics and principles associated with turbomachinery design.
- Proven track record in delivering on complex programs and ability to work in cross-functional global team in multi-cultural environments.
- Demonstrated ability to advance the technology state of the art and ability to generate innovative solutions.
- Fluency in English.

Desired Characteristics:

- Hands-on experience in computational fluid dynamics, design optimization and data analytics.
- Experience in scale and full-scale testing, including test planning, instrumentation, test conduct and data analysis.
- Self-directed, highly motivated, able to manage work-load across several activities.
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