

Aerodynamical engineer

气动工程师

Location: Beijing

Starting date: ASAP

About the Company:

Our client is a full round of cooperation from technical research to product development and production on civil turboprop engine power turbine and flame tube, providing modules for Grand Groups manufacturing aircraft engines.

我们的客户经营领域广，包含民用涡轮螺旋桨发动机动力涡轮和火焰管上的技术研究、产品开发和生产。我们的客户还为制造飞机发动机的公司集团提供零部件。

Mission:

- To perform aerodynamic computations of power turbine
完成动力涡轮的气动计算
- To work on the CFD methodology, CFD Validation
研究CFD方法，CFD验证
- To partly involve in the turbine secondary air system flow computations on power turbine cavities
参与动力涡轮空腔的涡轮二次风系统流量计算
- To work on aerodynamic and turbine secondary air system design of the turbine in order to be compatible with the global aerodynamic and thermal phenomena
主要从事涡轮气动和涡轮二次流系统的设计，以便能够兼容全球空气动力学和热现象
- To perform the thermal computation of Flame Tube
执行火焰管的热计算
- To attend technical meetings and bring solutions to AE and AECC-SI/HAPRI requirements for company
参加技术会议，提供符合AE和AECC-SI/HAPRI要求的解决方案

- To bring critical analyses of the results in order to improve the design of the parts and the methodologies used
对结果进行批判性分析，以改进零件的设计方法使用
- To write technical reports and participate to technical presentations of company
撰写技术报告，参与公司的技术演示
- To work in a team with high communication with colleagues and hierarchies
在团队中工作，与同事和层级有高度的沟通
- To work in a multi-cultural company
在多元文化的公司工作
- To know and respect the security and human behavior rules of company.
了解并尊重公司的安全和行为规则。

Requirements:

- Deep knowledge of CFD, turbine aerodynamic and the flow structure
对CFD，涡轮气动和流动结构有深入的了解
- Knowledge of heat transfer
具备传热知识
- Creativity and open mind mandatory
必须具备创造力和开放的思维
- Fluent English and French as a plus
流利的英语，法语加分项
- Min 5 years working experience in the field
至少5年相关工作经验

Application: Please send your resume to: bj-hr@ccifc.org