Lead Engineer, Cast

ESI North America is currently seeking a Lead Engineer, Cast position in its Farmington Hills, MI office who will manage and be actively involved with the day-to-day casting software operations. Responsibilities include managing product technical support, developing and conducting engineering service projects, and performing trade pre-sales technical support.

ESI Group
Founded over 40 years ago, ESI Group is a world-leading provider of virtual software solutions for the most challenging engineering and manufacturing applications. ESI ProCAST is considered as the most powerful, comprehensive and accurate casting simulation solution in the industry today. ProCAST allows for a full coupling of thermal-flow-stress analyses and evaluations of all casting processes, for all castable alloys, including defect detection, residual stresses, part distortion, microstructure and mechanical properties prediction. The solution also addresses other casting-relevant manufacturing processes such as core blowing and heat treatment. Today, ESI's customer base spans nearly every industry sector. The company employs about 1,000 high-level specialists worldwide to address the needs of customers in more than 40 countries. www.esi-group.com

Education and Required Experience
• Bachelor's degree plus 5 years or Master’s or PhD in Mechanical Engineering or Materials Science
• Experience with FEA, CAE/CAD modeling, SolidWorks and ProCAST casting modeling software preferred.

Essential Functions
1. Perform front-line / hot-line technical support to customers for casting trade using ProCAST software.
2. Perform and/or manage engineering applications projects for casting applications.
3. Coordinate / perform casting application training classes at ESI or customer sites, possibly including the development of training materials.
4. Assist with business development by identifying and communicating additional services or software opportunities to ESI sales team.
5. Prepare and deliver technical pre-sales presentations to potential customers per business development request.
6. Attend trade shows and conferences to provide technical support to the sales and marketing team.
7. Act as liaison to business development / technical group for reporting of quality issues, customer requests and other technical documents and details which may be requested by the trade management.

A Lead Engineer is expected to be a subject expert in the casting trade and will supervise and provide guidance for the activities of other engineers within the casting category on an on-going basis or as needed for the term of certain assignments.

Please let us know if you have questions regarding the application process or require assistance or an accommodation. EOE Male/Female/Disability/Veteran.

Please also apply at this site: http://esigroup.applicantpro.com/