If the below position is not a fit for you but you are interested in joining Hertha’s mission, please contact us as we are rapidly growing and hiring for multiple positions.

For more information or to apply by sharing your CV, contact us at Careers@HerthaMetals.com

About Hertha Metals, Inc.:

At Hertha Metals, we are committed to revolutionizing heavy industry towards technologies that improve humanity by drastically cutting down carbon emissions. The global steel sector provides the backbone for modern society, delivering safe and resilient infrastructure for the world’s population, yet it contributes 10% of global CO₂ emissions. Hertha Metals is building a future that differs from the past 300 years of coal-based iron and steelmaking. Hertha Metals innovative steel manufacturing process leverages well understood chemistry to dramatically reduce the environmental impact of steel production, while also providing economic benefits to the industry. Hertha Metals is funded by Breakthrough Energy, a Bill Gates-founded organization that supports the most promising companies in ClimateTech.

If you want to be one of the early pioneers at Hertha, now is the time to join while we are still at an early stage (though well-funded). This is your opportunity to play a pivotal role in transforming the Steel sector and be on the ground building Hertha.

Principal Pyrometallurgical Engineer - Ironmaking

The Principal Pyrometallurgical Engineer will report directly to the CEO and have overall technical accountability for Hertha’s innovative ironmaking furnace and operations.

Your responsibilities:

- Design and develop Hertha’s commercial-scale ironmaking furnace alongside technical team members, including close interactions with the process engineering team
- Responsible for the design, build-out, commissioning and operation of Hertha’s pilot tests
- Design, develop, implement and manage metallurgical laboratory test work and R&D programs
- Develop detailed process models including mass and energy balances using metallurgical modeling software such as MetSim or SysCAD and ARENA
- Maintain documentation of technical projects to track history and progress
- Work with industry-leading contracting firms to execute specific technical projects
- Interface with industrial partners such as EPC’s and equipment vendors and provide detailed design documentation to manufacturers
- Collaborate with and manage Hertha’s technical consultants to accelerate process development
- Assist growing Hertha’s technical team with additional key technical hires, including subordinates and peers, and train younger engineers
- Bring a high level of safety consciousness to all work activities
- Note that the everyday tasks and specific responsibilities of the Principal Pyrometallurgical Engineer will change as Hertha’s team grows and evolves.

Your experience

- 10+ years of engineering in the field of extractive metallurgy
- Background in primary or secondary metal production (could include ferroalloys, nickel, iron, or copper industries).
• Strong technical background, particularly in smelting reduction processes
• 5+ years of relevant experience scaling and commissioning smelter operations and technology transfer from R&D
• Strong team player with demonstrated interpersonal skills. Good communicator.
• Bachelor’s engineering degree (Metallurgy, Chemical, Materials or Mechanical). Graduate degree in a relevant technical area preferred.

Location: Until March of 2023, you will work remotely with occasional travel to our research facilities. You will be expected to be on-site at our pilot facility starting March of 2023. Hertha Metals is building headquarters in the United States and is in the process of filtering site locations. Contact us if you would like more details.

Hertha Culture:
Inspired by the work and character of the late Hertha Ayrton, we are pioneers, innovators, and risk-takers who are mission driven towards changing the world. We are:
• Committed - having a level of enthusiasm to do what it takes to get the job done; we are decisive and aggressively focused on our tasks, all while maintaining professional and social ethics.
• Efficient – we don’t have purposeless meetings that drag on
• Ambitious - Proving that what others say is impossible, is in fact possible
• Inclusive - Valuing each team member’s own perspectives and set of unique experiences that they bring to the table – everyone’s voices are heard.
• Curious - Being curious, productive and innovative.
• Passionate - Working hard not because we have to, but because we are committed to our mission and enjoy our work.

What we offer:
• Competitive compensation package based on expertise. Compensation is increased on yearly basis in proportion to the amount of effort put into Hertha and the results you obtained
• Stock: ownership in a funded company that is innovating in a trillion-dollar industry
• Paid + unpaid parental leave after 1 year at the company (12 weeks paid, with flexible working style to transition after parental leave such as part-time remote working)
• Flexible working style: as long as you get the job done, we are flexible with remote working on days that you don’t need to be in the lab or at the pilot facilities
• Growth: our team is comprised of people with a growth mindset and we want to help you achieve your future career goals accordingly
• Time off: we have mandatory time off. This is a fast-paced startup company working in one of the most exciting sectors and the last thing we want is our valuable team members to burn out.

Hertha Metals is an Equal Opportunity Employer. We firmly prohibit discrimination and harassment of any kind. In fact, we uniquely hold our shareholders and board members to higher standards than a majority of companies. All employment decisions at Hertha Metals are based on the expertise that the position calls for, without regard to race, religion, sex, gender identity, disability, sexual orientation or age.