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Ingeniero Metalúrgico con maestría y doctorado en Metalurgia y Materiales de la Escuela Superior de Ingeniería Química e Industria Extractivas (ESIQIE) del IPN. A partir de 2005 es Profesor Titular C del Departamento de Ingeniería en Metalurgia y Materiales y Profesor Colegiado de la Sección de Estudios de Posgrado e Investigación de la ESQIE. Miembro del Sistema Nacional de Investigadores (SNI) nivel 1 desde 2007. Profesor adscrito en la UPIIH-IPN a partir de junio de 2019.

Artículos

- J. Poot, A. Cruz, R. Sánchez, E. Colin, A. Romero, M. Suárez. Production of refined and modified closed-cell aluminum foams by melt foaming method. *Metals* 13, 3, 622 (2023) 1-15. <https://doi.org/10.3390/met13030622>.
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Proyectos

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- Obtención de hierros dúctiles austemperizados para componentes automotrices" Proyecto SIP: 20220440.
- Evaluación del método de inyección para la inoculación de hierro gris. Proyecto SIP 20210589.
- Desarrollo de fundiciones dúctiles aleadas con propiedades mejoradas mediante secuencias de colada y tratamientos térmicos. Proyecto ESIQIE-ARBOMEX SA de CV" 2018-2022.