

Program for Prime Minister Latin American Scholarships

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| Name of Institution | Universidad de Antioquia |
| Type of institution | Public University |
| Location (city and country) | Medellín / Colombia |
| Name of the course/program | Research internship in "Physico-chemical properties of some ferrite nanoparticles" |
| Objective of the program | To synthesize some ferrite nanoparticles and characterize them by different techniques |
| Content (courses list) | <ul style="list-style-type: none"> Ferrite Nanoparticles MFe_2O_4 (M=Fe, Ni, Zn or Co) Solid state reaction, ball milling and/or chemical methods. X-Ray diffraction, Infrared and Raman spectroscopies, Mössbauer spectrometry, Scanning and Transmission electron microscopy, and/or magnetization measurements. |
| Course start and end dates | (To be undertaken within this period) 01/February/2017 to 30/April/2017 or 01/August/2017 to 31/October/2017 |
| Course costs (enrolment, tuition, materials, etc) | No tuition/enrolment costs involved. |
| Course delivery language (if not English, then level of Spanish or Portuguese required) | The internship will be conducted in English. A basic Spanish level is desired but not mandatory. |
| Entry requirements | - Graduated or undergraduate students who have completed 70% of their study plan. |
| Accommodation options and costs | Accommodation should be arranged by the applicant. Universidad de Antioquia can provide advice on areas and costs. Students will also be assigned a volunteer "Buddy-student" to help him/her get installed. |
| Website | www.udea.edu.co |
| Contact person and email for further information and/or enrolment | <p>Research group contact point: Solid State Research Group Name: Cesar Augusto Barrero Meneses Email: cesar.barrero@udea.edu.co Phone number: +57-4-2195630 Position: Full Time Professor, Ph.D.</p> <p>University contact point: Santiago López Álvarez investigacioninter@udea.edu.co 574-2198212 Scientific Cooperation Advisor</p> |