

Partners



Sponsor



The Center for Research, Technology and Education in Vitreous Materials (CeRTEV) initiated its operation in 2013 with generous funding by FAPESP (The São Paulo State Research Foundation) for the following 11 years.

Applications for postdoctoral fellowships are invited for conducting fundamental or applied research at CeRTEV in São Carlos, Brazil. The period of the fellowships is two years, starting in January 2015, renewable for two additional years upon mutual consent.

For more information, see the website at
<<http://www.certeve.ufscar.br>>





Center for Research, Technology and Education in
Vitreous Materials



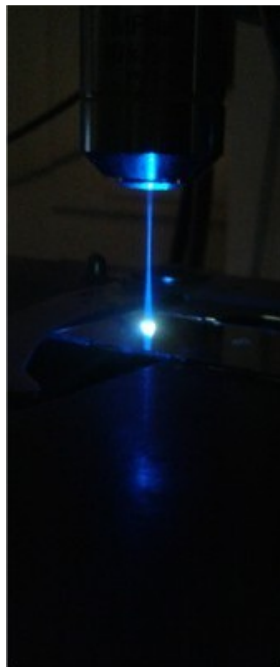
CeRTEV is an 11-year, approximately USD\$22 million joint effort of the Federal University at São Carlos (UFSCar), the University of São Paulo (USP) and the State University of São Paulo (UNESP), to conduct fundamental and applied research in the area of Functional Glasses and Glass-Ceramics.

The center comprises 14 faculty members, including some of the world experts in vitreous materials and structural characterization techniques. Research will focus on new glasses and glass-ceramics and the development of structure/crystallization/properties correlations (mechanical, optical, electrical, catalytic, biological) for technological applications.



e-Poster presented at GLASSAC14 – <<http://www.glassac14.sgt.org>>





Through fundamental research on structure-property relations, using complementary simulation, spectroscopic and functional characterization methods, CeRTEV will map the "genome" and develop new active glasses and glass-ceramics with promising applications.

The core group of the Center will comprise professors who are experts in engineering, chemistry and physics of vitreous materials, glass crystallization and a wide range of structural and functional characterization techniques. They advise about 50 students and post-docs engaged in glass and GC research and are embedded in a large Brazilian and international network of collaborations

Applicants should have a PhD degree in Physics, Chemistry, Materials Science or Engineering, and have a genuine interest in conducting interdisciplinary research in an international environment. Previous experience in glass science, solid state physics or chemistry is advantageous.

The monthly fellowships (non-taxable) include ca. R\$ 6.000,- plus 15% professional expenses. Travel expenses from and to their home opportunity employers and are committed to increasing the proportion of women and ethnic minorities in academia.





Please send your application including CV, list of publications, a 2-3 page research proposal, and the names and email addresses of two references **by October 15, 2014** to:-

*Prof. Edgar D. Zanotto (dedz@ufscar.br),
Center for Research, Technology and Education in
Vitreous Materials,
Department of Materials Engineering,
Federal University of São Carlos
<http://www.certeve.ufscar.br>*

*LaMaV - Vitreous Materials Laboratory
<http://lamav.weebly.com> Tel: +55 (16) 3351.8556*