Teaching protein crystallization at the Laboratory for Crystallographic Studies (Granada, Spain)

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The Laboratory for Crystallographic Studies (LEC) has shown since its creation a clear commitment with the promotion of crystallography and crystal growth at all the levels of education, from primary schools to graduate University level. The "Krystalla Project" comprises a series of coordinated activities specifically designed to promote the importance of crystallography and crystallization, namely:

1. The itinerant exhibition "CRISTALES: A world to discover" which will exemplify the applications of crystallography on our daily life and the fundamentals behind our science.
2. The book-guide of the exhibition "CRISTALES: A world to discover"[1].
3. A didactic edition of the documentary "The Mystery of the Giant Crystals" including the making-off of the movie, short videos explaining the fundamentals and applications of crystallization and scientific notes for teachers.
4. A series of workshops on "popular crystallography" and "crystallography" for kids.
5. The National Crystallization Competition in the School
6. A series of didactic guides to use well-known movies as crystallographic teaching and popularization materials.
7. A series of crystallization graduate and postgraduate courses as part of the International Master on Crystallography and Crystallization of the UIMP/CSIC.

We will present in this communication an overview of most of these projects.