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Programme of the opening ceremony p.24

Georges Deicha pioneer of fluid inclusions

This year would be the centenary of the birth of Georges Deicha (1917 – 2011) , the pioneer of fluid inclusions in France.

In the middle of the last century, the interest about liquids and gases trapped inside of minerals was going to be forgotten ¹. Georges Deicha, was the first in France to understand their importance and initiate a revival.² Published by Masson in 1955 his work “Les Lacunes des Cristaux et leurs Inclusions Fluides”³ was the first french Book on the subject. Georges Deicha also developed technical tools in particular the “crushing stage” ⁴ The book and the tool gave many a student or prospector the opportunity to test the new methods and discover their “own” inclusions. ⁵ Since then, numerous studies and applications were initiated all over the world and especially here in Nancy.

In 1960, at the IGC in Copenhagen, Georges Deicha met with Ed. Roedder⁶ and N.P. Ermakov⁷, who, almost simultaneously with him, but independently of each other, had discovered the importance of inclusions. Georges Deicha played a very central role in this worldwide collaboration in ensuring the optimal communication. They established the "Committee on Ore-Forming Fluids in Inclusions: COFFI" .

Georges Deicha's research, initially solitary, had led to a discipline in its own right, which has found application in all fields of Earth Sciences ⁸. The new generation of specialists will remember the forerunner of the study of fluid inclusions in France, who was also the initiator of the worldwide collaboration in this field..

¹ <http://www.annales.org/archives/cofrhigeo/dubois1.html>

² DEICHA,G., Observations préliminaires sur une recherche pétrographique systématique des inclusions. C.R.somm. Soc.géol.Fr., (1950), 57,59.

³ Deicha G. (1955) Les lacunes des cristaux et leurs inclusions fluides. In 8°, 126 p., 13 Fig., , 12 Tab., Masson & Cie Paris 1955

⁴ DEICHA,G., Essais par écrasement de fragments minéraux pour la mise en évidence d'inclusions de gaz sous pression. Bull.Soc.franç.Minér. Crist.,(1950),LXXII,439-45,1fig.

⁵ http://www.geochem.geos.vt.edu/fluids/pdf/roedder/92_HI.pdf

⁶ <http://www.sciencedirect.com/science/article/pii/S0009254106004918>

⁷ <http://ore.geol.msu.ru/page/24.html>

⁸ BRUNN,J.H., Rapport pour l'attribution du Prix Gaudry . in Bull. Soc. Géol. de France ;Tome 167 n°1 ; 1996lettre sem. Déc 1995 p.14.