



E I N L A D U N G

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V E R A - S E M I N A R

von

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### **Rehydroxylation (RHX) dating of archaeological ceramics: Principles, status and prospects**

RHX is a new method for dating archaeological ceramics, based on the slow progressive chemical recombination of fired-clay materials with environmental moisture. The dating principle arises because the kinetics of the RHX process follows a precise power law.

The method has attracted much attention because there is at present no established and straightforward dating method for archaeological pottery. This is a serious lack since pottery is found almost universally at archaeological sites, often in great abundance.

I shall review the scientific fundamentals of the RHX process, the status of RHX dating and open questions relating to its future prospects.

**Donnerstag, 9. Dezember 2010, 16:30 Uhr**

**1090 Wien, Währinger Str. 17, "Kavalierstrakt",  
1. Stock, Victor-Franz-Hess-Hörsaal**