



NICOLINE KALSBEEK

Publications

Scientific papers (peer-reviewed)

1. Kalsbeek, N.: 'Very Short Hydrogen Bonds in Acid Salts of Malonic Acid and Succinic Acid.' (1990). *Supplementary Acta Crystallographica* **A46**, s. C-198.
2. Kalsbeek, N., Larsen, S. & Rønso, J. G.: 'Crystal Structures of Rare Earth Elements Rich Apatite Analogues.' (1990). *Zeitschrift für Kristallographie* **191**, s. 249-263.
3. Kalsbeek, N.: 'Structures of Ethylammonium Hydrogen Succinate and Diethylammonium Hydrogen Succinate at 110 K.' (1991). *Acta Crystallographica* **C47**, s. 1649-1653.
4. Kalsbeek, N. & Larsen, S.: 'Structural Studies of Systems with "Very Short" Hydrogen Bonds. Structures of Methylammonium Hydrogen Succinate Monohydrate and Dimethylammonium Hydrogen Succinate at 110 K.' (1991). *Acta Crystallographica* **C47**, s. 1005-1009.
5. Kalsbeek, N.: 'Structures of Partially Deuterated Sodium Trihydrogen Dimalonate and Sodium Hydrogen Malonate (a Reinvestigation) at 120 K.' (1992). *Acta Crystallographica* **C48**, s. 878-883.
6. Kalsbeek, N.: 'Crystal Structures of Partially Deuterated Sodium Hydrogen Succinate at 295 K and 120 K and Rubidium Hydrogen Succinate at 120 K.' (1992). *Acta Crystallographica* **C48**, s. 1389-1394.
7. Kalsbeek, N. & Rønso, J. G.: 'Refinement of the Vinogradovite Structure, Positioning of Be and Excess Na.' (1992). *Zeitschrift für Kristallographie* **200**, s. 237-245.
8. Kalsbeek, N., Schaumburg, K. & Larsen, S.: 'Short hydrogen bonds in salts of dicarboxylic acids, structural correlations from solid state ^{13}C and ^2H NMR spectroscopy.' (1993). *Journal of Molecular Structure* **299**, s. 155-170.
9. Turgoose, S., Hawkins, C., Wrathall, N., Kalsbeek, N., van Lanschot, J., Mathiesen, T. & Sjøgren, A.: *Development of Improved Conservation Procedures for Archaeological Iron*. (1996). EU Environment Program CT94-0561. Final Report 1/11/94 to 31/10/96, 69 s.
10. Brajer, I. & Kalsbeek, N.: *Limewater Impregnation of Wall Paintings*. (1998). Symposium: Conservation during the past 25 years and its advancements in the 25 years to come. Preprints. The School of Conservation, 18.-20. maj, 1998, Copenhagen, s. 39-41.
11. Brajer, I. & Kalsbeek, N.: 'Limewater absorption and calcite crystal formation on a limewater-impregnated secco wall painting'. (1999). *Studies in Conservation* **44**, s. 145-156.
12. Kalsbeek, N. & Larsen, S.: 'Crystal Structure of Tri-my-hydroxobis[(1,4,7-trimethyl-1,4,7-triazacyclononane)chromium(III)] Dithionate Tetrahydrate.' (1999). *Acta Chemica Scandinavica* **53**, s. 149-154.
13. Kalsbeek, N.: 'Identification of synthetic organic pigments by characteristic colour reactions'. (2005). *Studies in Conservation* **50**, s. 205-229. Appendiks på 21 sider på www.kons.dk.
14. Kalsbeek, N. & Richter, J.: 'Preservation of burned bones: An investigation of the effects of temperature and pH on hardness'. (2006). *Studies in Conservation* **51**, s. 123-138.
15. Kuvvetli, F., Kendix, E., Kalsbeek, N. & Nielsen, O.F.: 'NIR-FT Raman and SEM/EDX analyses of pigments from 15th Century wall paintings in Lumby Church, Denmark'. (2006). *Meddelelser om konservering* **1&2**, s 62-66.
16. Kalsbeek, N. & Botfeldt, K.: 'Identification of amber and amber imitations by infrared spectroscopy'. (2007). *Meddelelser om konservering* **1**, s. 3-11.

17. Kuvvetli, F., Alling, A., Kendix, E., Kalsbeek, N. & Nielsen, O.F.: 'Observation of Cyclododecane on a Canvas Painting as Temporary Consolidant'. (2007). *Meddelelser om konservering* **1**, s. 28-32.
18. Scharff, M., Hast, R., Kalsbeek, N. & Østergaard, J.S.: '*Investigating the polychromy of a Classical Attic Greek marble female head NCG in 2830*'. (2009). In 'Tracking Colour – The polychromy og Greek and Roman Sculpture in the new Carlsberg Glyptotek, preliminary Report 1, s. 13-40.

Posters for Scientific Conferences

1. Kalsbeek, N.: *Krystalstrukturer af 3 nærtbeslægtede mineraler med apatitlignende struktur*. (1988). Poster abstract. 22. Danske Krystallografmøde, 26.-27. maj 1988, Lyngby, Danmark, uden sidetal (én side).
2. Kalsbeek, N. & Larsen, S.: *Studies of Systems with Short Hydrogen Bonds, Acid Salts of Malonic Acid and Succinic Acid*. (1989). Poster abstract. The Ninth International Workshop "Horizons in Hydrogen Bond Research", 10.-15. september 1989, Zeist, Holland, s. D3.
3. Kalsbeek, N.: *Very Short Hydrogen Bonds. Acid Salts of Malonic Acid and Succinic Acid*. (1990). Poster abstract. 13. Nordiske Strukturkemikermøde, 8.-10. januar 1990, København, Danmark, s. 119.
4. Kalsbeek, N.: *Very Short Hydrogen Bonds in Acid Salts of Malonic Acid and Succinic Acid*. (1990). Poster abstract. 'The XVth International Union of Crystallography Congress' 19.-28. juli 1990, Bordeaux, Frankrig, s. C-198.
5. Kalsbeek, N.: *A Correlation between Solid State ¹³C Chemical Shifts and the Geometry of the COOH Group in Systems Containing Very Short Hydrogen Bonds*. (1991). Poster abstract. Ettore Majorana Centre for Scientific Culture, International School of Crystallography. 18th Course. Static, Kinematic and Dynamic Aspects of Crystal and Molecular Structure, 30. maj – 9. juni 1991, Erice, Sicilien, Italien, s. D3.
6. Schnell, U. & Kalsbeek, N.: *The use of Low Vacuum Scanning Electron Microscopy with Energy Dispersive X-ray Spectrometry (LV-SEM/EDS) in Conservation Science*. (1997). Poster abstract. Proc. 49. Annual Meeting, The Scandinavian Society for Electron Microscopy, 10.-13. juni 1997, Göteborg, Sverige, s. 125.
7. Richter, J. & Kalsbeek, N.: *Chemical and physical changes observed in heated bones*. (2001). Poster abstract. 4th World Congress on Mummy Studies. 4.-10. september 2001, Nuuk, Grønland.
8. Kuvvetli, F., Kendix, E., Kalsbeek, N., Nielsen, O.F.: *NIR-FT Raman and SEM/EDX analyses of pigments from wall paintings at Lumby Church, Denmark, from the 15th Century*. (2005). Poster abstract. Book of Abstracts. 3th International Conference on the Application of Raman Spectroscopy in Art and Archaeology. 31. august -2. september 2005, Paris, Frankrig, s. 60.

Popular publications

1. Kalsbeek, N.: *3 mineralstrukturer*. (1989). *Aurum* **3**(1), s. 1-9.
2. Kalsbeek, N.: *Hvorfor kemi?* (1996). *Naturligvis* **1** særnummer, s. 28.
3. Tanggaard, M.: *Det gælder kulturarven*. (2001). *FORSKERforum* **149**, s. 4-5. Artikel om Konservatorskolen med deltagelse af rektor René Larsen og tillidsrepræsentant Nicoline Kalsbeek.
4. Willumsen, G.: *Farvens kemi*. (2001). *Ingeniøren*. Artikel om hvordan kemi bruges i andre sammenhænge end gængse ingeniørsammenhænge med Nicoline Kalsbeek.
5. Vind, T.: *Her er alle ligeværdige*. (2006). *Indtryk* **22**, s. 8-9. Artikel i KTS' interne personaleblad med deltagelse af inspektør Dorthe Frost og Nicoline Kalsbeek om Evalueringsinstituttets undersøgelse af gymnasiers tiltag overfor tosprogede elever.