

A Journal of the Gesellschaft Deutscher Chemiker

Angewandte Chemie

50
YEARS

International Edition

GDCh

www.angewandte.org

2011–50/43



Color X-ray images ...

... can be obtained by X-ray diffraction computed tomography (XRD-CT), where the mapping of the diffraction signal from the interiors of solid objects enables material-specific imaging. In their Communication on page 10148 ff., S. D. M. Jacques et al. describe the first time-resolved XRD-CT experiment, which reveals the mechanism by which a catalyst evolves from its precursor during the preparation of millimeter-sized industrial hydrogenation catalyst body.

 WILEY-VCH

Back Cover

**Simon D. M. Jacques,* Marco Di Michiel, Andrew M. Beale,*
Taha Sochi, Matthew G. O'Brien, Leticia Espinosa-Alonso,
Bert M. Weckhuysen, and Paul Barnes**

Color X-ray images can be obtained by X-ray diffraction computed tomography (XRD-CT), where the mapping of the diffraction signal from the interiors of solid objects enables material-specific imaging. In their Communication on page 10148 ff., S. D. M. Jacques et al. describe the first time-resolved XRD-CT experiment, which reveals the mechanism by which a catalyst evolves from its precursor during the preparation of millimeter-sized industrial hydrogenation catalyst body.

