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Titolo	Powers, inequalities and vulnerabilities : impact of globalisation on children, youth and families and on the mission of the church / / edited by Johannes Jacobus Knoetze, Valentin Kozhuharov
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Disciplina	259.23
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1 Powers, inequalities and vulnerabilities: Mission in a wounded world / Johannes Knoetze -- Chapter 2 Exploring social constructs and the lives of street children / Greg W. Burch -- chapter 3 Globalisation and Youth: Restructuring identity formation and religiosity / Anita Cloete -- Chapter 4 Christ-connected discipleship as comfort in a globalised world with a fear of missing out / Johannes Knoetze -- Chapter 5 Globalisation and politics. The shift in traditional values and its impact on families and children of Christian background in Europe / Valentin Kozhuharov -- Chapter 6 The impact of pornography on Cambodian youth through the globalisation of technology / Glenn Miles, Christa Crawford -- Chapter 7 Neuroplasticity, pneumatology and the church as a therapeutic community / John Baxter-Brown -- Chapter 8 On becoming 'home' for the destitute: An African congregation-based missional and pastoral perspective on families uprooted by migration / Alfred Brunsdon -- Chapter 9 Child sacrifice: The life or death of a civilisation / Naas Ferreira -- Chapter 10 Community Engagement addressing Powers, Inequalities and Vulnerabilities: A Missional Approach / Fazel E. Freeks -- Chapter 11 Globalisation, education and children in Indian context: Challenges for mission / Jeyaraj J. Baskar -- Chapter 12 A practical theological narration of the spiritual narratives of adolescent orphaned

boys in South Africa in the construction of a spiritual self / Juanita Meyer -- Chapter 13 The necessity of intergenerational dialogue on social justice within the South African church / Shantelle Weber -- Chapter 14 'Who am I?' Finding Identity in a Globalised World / Keith J. White.

### Sommario/riassunto

The aim of this collected work is to focus on family and youth ministry in the field of ecclesial missiology. Its scholarly contribution is to address the sometimes unintended and unnoticed influence of globalisation on the mission of the church against the background of the International Association for Mission Studies study group for children, youth and families. This interdisciplinary scholarly book employs insights from the social sciences, anthropology, psychology and theology. From a primarily auto-ethnographical and empirical perspective, the book describes the powers, inequalities and vulnerabilities of children, youth and families in a globalised world from diverse contexts.

### 2. Record Nr.

Autore

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Titolo

Putzke Carsten Matthias  
Fermi Surface and Quantum Critical Phenomena of High-Temperature Superconductors / / by Carsten Matthias Putzke

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Collana

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Disciplina

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Soggetti

Superconductivity  
Superconductors  
Quantum theory  
Optical materials  
Electronics - Materials  
Strongly Correlated Systems, Superconductivity  
Quantum Physics  
Optical and Electronic Materials

Lingua di pubblicazione

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**Nota di contenuto**

Introduction to Iron Based Superconductors -- Theory -- Experimental Setup -- BaFe<sub>2</sub>(As<sub>1-x</sub>P<sub>x</sub>)<sub>2</sub>-A Quantum Critical Superconductor -- LiFeAs and LiFeP-Stoichiometric Superconductors -- YBa<sub>2</sub>Cu<sub>4</sub>O<sub>8</sub> -- Numerical Phase Sensitive Detection in Matlab -- Publications -- Bibliography.

**Sommario/riassunto**

This thesis provides a detailed introduction to quantum oscillation measurement and analysis and offers a connection between Fermi surface properties and superconductivity in high-temperature superconductors. It also discusses the field of iron-based superconductors and tests the models for the appearance of nodes in the superconducting gap of a 111-type pnictide using quantum oscillation measurements combined with band structure calculation. The same measurements were carried out to determine the quasiparticle mass in BaFe<sub>2</sub>(As<sub>1-x</sub>P<sub>x</sub>)<sub>2</sub>, which is strongly enhanced at the expected quantum critical point. While the lower superconducting critical field shows evidence of quantum criticality, the upper superconducting critical field is not influenced by the quantum critical point. These findings contradict conventional theories, demonstrating the need for a theoretical treatment of quantum critical superconductors, which has not been addressed to date. The quest to discover similar evidence in the cuprates calls for the application of extreme conditions. As such, quantum oscillation measurements were performed under high pressure in a high magnetic field, revealing a negative correlation between quasiparticle mass and superconducting critical temperature.