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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 42713-2023

Information and documentation - Party standard name identifier

信息与文献 参与者名称标识符

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents" Drafting. This document has been modified to adopt ISO 27729:2012 "International Standard Name Identifier for Information and Documentation (ISNI)". The technical differences between this document and ISO 27729:2012 and their reasons are as follows:

---Replaced ISO /IEC 7064 with normatively cited GB/T 17710-2008 to adapt to my country's technical conditions (see Section

4 Chapter and A.2);

---Added the terminology and definition of "participant name identifier" (see 3.1). The following editorial changes have been made to this document.

---This document incorporates the amendments to ISO 27729:2012/Cor1:2013;

---In order to coordinate with existing standards, the standard name is changed to "Information and Documentation Participant Name Identifier";

---Modify the language expression according to Chinese habits;

---In the content terms, the expression of ISO 27729 is changed to the expression applicable to our country's standards and specifications;

---In order to enhance readability, some examples are replaced with domestic examples;

---Include GB/T 2260 cited in Appendix D into the references. Please note that some content in this document may be subject to patents. The publisher of this document assumes no responsibility for identifying patents. This document is proposed and coordinated by the National Information and Documentation Standardization Technical

Committee (SAC/TC4). This document was drafted by: Strategic Consulting Center of the Chinese Academy of Engineering, Zhejiang University, Zhejiang University of Science and Technology, China Institute of Scientific and Technological Information, China Chemical Information Center Co., Ltd., Tongfang CNKI (Beijing) Technology Co., Ltd., Beijing Wanfang Data Co., Ltd., Ruijie Networks Co., Ltd. Co., Ltd. and Shuguang Information Industry Co., Ltd. The main drafters of this document. Huang Chen, Chen Yan, Liu Xiang, Pan Gang, Fu Zhijie, Yang Daiqing, Xiao Hong, Wu Zhao, Jin Jiali, Shi Qianwei, Wang Yuming, Cai Zhiyong, Wu Wei, Wei Zhenguo, Song Yuanyuan, Huang Zhiqiang, Fang Zhijian.

This document defines identification specifications for participants' public identities and aims to provide an identification method to distinguish participants in digital environments. Disclose the identity of a series of outputs such as creation, processing, management, and content release, and effectively manage the output works. The identifiers created by this document are suitable for publicly identifying participants in databases, supporting the exchange of information in content management. Information and Documentation Participant Name Identifier

1 Scope

GB/T 42713-2023 specifies the International Standard Name Identifier, adopting ISO 27729 with modifications. The problem it solves is that names do not identify people: authors share them, change them, transliterate differently and publish under variants, and a library catalogue, a rights database and a research information system each end up with their own idea of who wrote what. ISNI assigns a single sixteen-digit identifier to the party - a person or an organisation - rather than to the name, so the records can be joined. The standard sets the structure and presentation of the ISNI, its assignment, its administration, its relationship to metadata and to other identifiers, with normative annexes on the check character calculation and the registration metadata and an informative annex on the relationship to other identifier systems. It took effect on 1 March 2024.

This document stipulates the unique identification of the public identities of the parties involved in cross-domain creative activities, which is used to distinguish different identities of the same participant. identity to avoid confusion caused by participants with different public identities using the same name. This document is not intended to provide direct access to a participant's publicly identifiable details, but may provide a link to a location where such information is held. Links to other systems.

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this

document; for undated referenced documents, the latest version (including all amendments) applies to this document.

GB/T 17710-2008 Information technology security technology check character system (ISO / IEC 7064.2003, IDT)

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 A code used to identify the public identities of participants in various media content in the digital environment.

3.2 Participant party Natural persons, legal persons or other organizations involved in the creation, processing, management and content publishing.

3.3 registrant Participants who apply for ISNI from the registration authority.

3.4 publicidentity The public name of the participant (including legal name, previous name, etc.).

3.5 name name Titles that participants currently or have used publicly.

4 Structure and presentation of ISNI

4.1 Structure of ISNI ISNI should consist of 16 characters divided into two parts.

a) 15 decimal digits;