

**Memo issued on behalf of
National Nuclear Data Center
Brookhaven National Laboratory
USA**

Memo CP-C/387

Date: 15 October 2009
To: Distribution
From: O. Schwerer
Subject: **Proposed changes to dictionary 3 (Institutes) and related updates of EXFOR entries**

This is about institutes from area 2. The reason I make this proposal is that the question appeared in an entry being compiled for NNDC. Furthermore, I am a graduate of the affected institute (2AUSIRK) myself, and I now consulted with one of its staff about the reorganisations which led to this proposal.

1. Proposed updates to dictionary 3 (Institutes):

Because of some restructuring applied at the Vienna University, the following updates should be made:

Addition: **2AUSVER** Vienna Environmental Research Accelerator (VERA), Faculty of Physics, University of Vienna
Make Extinct: **2AUSIRK**
 2AUSPVI

Note that, independently of the new code 2AUSVER, a number of entries using 2AUSPVI need to be corrected because this code does not apply to them. See list of affected entries further below.

2. Explanation:

- 2AUSVER vs. 2AUSIRK:

With the restructuring of the Vienna university, all university „institutes“ were dissolved and replaced by working groups within new faculties.

Institute 2AUSIRK (Inst. fuer Isotopenforschung und Kernphysik, previously Inst. fuer Radiumforschung und Kernphysik) was split into „Isotopenforschung“ (Isotope research), consisting mainly of VERA (Vienna Environmental Research Accelerator), and the group for nuclear physics.

Since 2007, publications appear with affiliation “VERA, Faculty of Physics, Univ. Vienna” without mentioning the IRK. Therefore we do need a new code. We propose to use the new code 2AUSVER for such works.

For older works still using “Inst. fuer Isotopenforschung und Kernphysik” as affiliation, we suggest to continue to use 2AUSIRK (even if it was VERA work, because at that time it was still the same institute). Therefore 2AUSIRK should be made extinct, i.e. it may be used for compiling old works but will not appear for new publications.

- **2AUSPVI** (Inst. fuer Experimentalphysik, Univ. Wien, previously 1. Physikalisches Institut):

This institute has no Exfor-relevant “facility” of its own. Almost all of its entries refer to one author (M.Drosg) who made experiments at 1USALAS. 2 other entries use facilities at 2AUSIRK and 2UK HAR. However, a number of entries were compiled with 2AUSPVI which should actually use 2AUSIRK (or the new 2AUSVER). These should be corrected (see list below).

Concerning new entries, the university reorganisation as mentioned above also applies here, so no new entries will need this code, and therefore it should become extinct.

Should new works appear with authors from the Faculty of Physics other than VERA (now 2AUSVER), we may decide whether to introduce a new code or to use 2AUSAUS.

Note: I am not in favour of using one single code for all works from the Vienna university (or the Faculty of Physics), for reasons of backwards compatibility and historical consistency, and because it is better to have a more specific code as long as from other sections of the university/faculty no (or not many) Exfor-relevant works are to be expected.

3. Corrections needed

Acc.#	Correction to be done
20718	FACILITY: Add inst. code 2AUSIRK
22742	INSTITUTE: Change 2AUSPVI to 2AUSIRK
22893	INSTITUTE: Change 2AUSPVI to 2AUSIRK
22930	INSTITUTE: Change 2AUSPVI to 2AUSIRK
22934	INSTITUTE: Change 2AUSPVI to 2AUSIRK AUTHOR : Pavlic → Pavlik
22979	INSTITUTE: Change 2AUSPVI to 2AUSIRK
22980	INSTITUTE: Change 2AUSPVI to 2AUSIRK
22991	INSTITUTE: Change 2AUSPVI to 2AUSVER
23022	INSTITUTE: Change 2AUSIRK to 2AUSVER
23050	REFERENCE : Change volume # to 2 INSTITUTE: Change 2AUSPVI to 2AUSVER
23051	INSTITUTE: Change 2AUSPVI to 2AUSVER
C1583	We will change 2AUSIRK to 2AUSVER

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