Proposal for a New Framework Type Code

**Proposed 3-Letter Code**:

*(should be consistent with previously assigned codes)*

*(check http://www.iza-structure.org/databases/Atlas/Zeolite\_names.html)*

**Reference Material**:

*(name of the material - e.g. ZSM-5, not the chemical formula or material class)*

**Chemical Composition**:

*(per unit cell)*

**Space Group**:

Setting used:

Standard setting (if different):

**Cell Parameters**:

*(for the setting used)*

*a* = Å *b* = Å *c* = Å

 = ˚  = ˚  = ˚

**Mode of Refinement**:

**Agreement Factors**:

**Reference**

*(attach copy of paper):*

**Support required for proposed structures**:

(1) Atomic coordinates and displacement parameters in electronic form (preferably as a .*cif* file)

(2) Observed and calculated diffraction patterns for Rietveld refined structures (include wavelength used)

(3) Clear drawings of the structure

(4) Other relevant experimental results (especially for structures that have not been refined)

(5) Reason the material is of interest (for non-4-connected frameworks)

(7) Answers to the following questions regarding the microporosity of the material (information is required, but the answers will not affect whether or not a code is assigned)

(i) Does the material show reversible desorption and adsorption of small molecules (such as water or other solvent of crystallization)?

If so, under what conditions?

(ii) Is the structure of the framework retained after any organic species present have been removed?

(iii) If the material cannot be calcined without loss of structural integrity, can the non-framework species be replaced using other methods (e.g. by ion exchange or washing)?

**Date**: **Name**:

**Address**: