**DROP DATABASE IF EXISTS** hcibib;

**CREATE DATABASE IF NOT EXISTS** hcibib;

**USE** hcibib;

**CREATE TABLE** author (

**author\_id INTEGER PRIMARY KEY AUTO\_INCREMENT**,

**author\_name VARCHAR**(255) **NOT NULL**

);

**CREATE TABLE** conf\_series (

**cs\_id INTEGER PRIMARY KEY AUTO\_INCREMENT**,

**cs\_hb\_key VARCHAR**(30) **NOT NULL UNIQUE**

);

**CREATE TABLE** proceedings (

**proc\_id INTEGER PRIMARY KEY AUTO\_INCREMENT**,

**proc\_title VARCHAR**(500) **NOT NULL**,

**proc\_hb\_key VARCHAR**(30) **UNIQUE**,

**cs\_id INTEGER NOT NULL**,

**proc\_start\_date DATE**,

**proc\_entry\_count INTEGER DEFAULT** 0,

**FOREIGN KEY** (**cs\_id**) **REFERENCES** conf\_series (**cs\_id**)

);

**CREATE INDEX** proc\_cs\_idx **ON** proceedings (**cs\_id**);

**CREATE TABLE** article (

**article\_id INTEGER PRIMARY KEY AUTO\_INCREMENT**,

**title VARCHAR**(1000) **NOT NULL**,

**abstract TEXT**,

**proc\_id INTEGER NOT NULL**,

**article\_hb\_key VARCHAR**(50),

**FOREIGN KEY** (**proc\_id**) **REFERENCES** proceedings (**proc\_id**),

**INDEX** (**article\_hb\_key**)

);

**CREATE TABLE** article\_author (

**article\_id INTEGER NOT NULL**,

**author\_id INTEGER NOT NULL**,

**position INTEGER NOT NULL DEFAULT** 0,

**PRIMARY KEY** (**article\_id**, **position**),

**FOREIGN KEY** (**article\_id**) **REFERENCES** article (**article\_id**),

**FOREIGN KEY** (**author\_id**) **REFERENCES** author (**author\_id**)

);

**CREATE INDEX** article\_author\_article\_idx **ON** article\_author (**article\_id**);

**CREATE INDEX** article\_author\_author\_idx **ON** article\_author (**author\_id**);