

# Logical Design

Title	
PK	<b>title_id</b> INT
	Title VARCHAR(4)

Affiliation	
PK	<b>affiliation_id</b> INT
	affiliation_name VARCHAR(100)

Names	
PK	<b>name_id</b> INT
	First_name VARCHAR(20)
	Last_name VARCHAR(20)

Author	
PK	<b>author_id</b> INT
FK	name_id INT
FK	affiliation_id INT
FK	title_id INT

Author_Publication_Junction_Table	
FK	author_id INT
FK	publication_id INT

Publication	
PK	<b>publication_id</b> INT
FK	book_id INT
FK	journal_id INT
FK	conference_proceedings_id INT
FK	city_id INT
FK	publisher_id INT
	date_of_publication DATE
	abstract VARCHAR(500)
FK	file_path_id INT

Publisher	
PK	<b>publisher_id</b> INT
	publication_name VARCHAR(100)

City	
PK	<b>city_id</b> INT
	city_name VARCHAR (50)

Conference Proceedings	
PK	<b>conference_proceedings_id</b> INT
	conference_proceedings_title VARCHAR(100)
FK	publication_id INT

File	
PK	<b>file_path_id</b> INT
	file_path VARCHAR (200)

Book	
PK	<b>book_id</b> INT
FK	publication_id INT
	edition INT
	book title VARCHAR(100)

Journal	
PK	<b>journal_id</b> INT
	volume INT
FK	publication_id INT
	journal_title VARCHAR(100)