**Rose-Hulman Undergraduate Mathematics Conference Web Application Software**

User Guide

**Info**

This guide and corresponding software was created and written by Nick Crawford (SE/MA/CS 2013) by request of Dr. Alan Holder. This software is free to use, modify, and distribute so long as proper credit is given to the author and any corroborators.

Table of Contents

Administrator Portal 3

Management System 3

Auth Module 3

Conference Module 3

Attendees Submodule 3

Conferences Submodule 3

Contactees Submodule 3

Days Submodule 3

Pages Submodule 3

Rooms Submodule 3

Schedules Submodule 3

Sessions Submodule 3

Time Slots Submodule 3

Sites Module 3

Important Actions 3

In the Management System 3

Creating a New Conference 3

Creating Sessions for a Conference 3

Manually Creating an Attendee 3

Creating new Website Pages 3

Creating new Website Links 3

Other Administrator Portal Actions 3

Emailing all Attendees in a Conference 3

Generating LaTeX Schedule File 3

Setup Information 3

Installing the Application from Scratch 4

Linux 4

Requirements 4

Getting Started 4

Installing Required Packages 4

Installing the App 4

Set Up mod\_wsgi 4

Deployment 4

Modifying Current Installation 4

Switching Databases 4

Modifying Email Server 4

Moving Host Directory 4

# Administrator Portal

## Management System

### Auth Module

### Conference Module

#### Attendees Submodule

#### Conferences Submodule

#### Contactees Submodule

#### Days Submodule

#### Pages Submodule

#### Rooms Submodule

#### Schedules Submodule

#### Sessions Submodule

#### Time Slots Submodule

### Sites Module

# Important Actions

## In the Management System

### Creating a New Conference

### Creating Sessions for a Conference

### Manually Creating an Attendee

### Creating new Website Pages

### Creating new Website Links

## Other Administrator Portal Actions

### Emailing all Attendees in a Conference

### Generating LaTeX Schedule File

# Setup Information

## Installing the Application from Scratch

### Linux

#### Requirements

#### Getting Started

#### Installing Required Packages

#### Installing the App

#### Set Up mod\_wsgi

#### Deployment

## Modifying Current Installation

### Switching Databases

### Modifying Email Server

### Moving Host Directory