

## **IAA Study Group Status Report**

**Responsible Commission: Commission I.**

**Study Number and Title: S1.5 The particle radiation hazard en route to and at Mars.**

### **Short Study Description (repeat from Study Group Proposal):**

**A book is in preparation (in two volumes) composed of chapters prepared by various international teams and individuals on different aspects of the radiation hazard posed to manned crews en route to and at Mars.**

### **Progress in past six months:**

**The chapters for Volume 1 have all been internally reviewed within the Academy and responses to referee's questions received back from the lead authors. The internal referee is finishing his reading of the last two revised chapters at the time of writing and this work will be completed before 12 March next (Meeting of Commission 1 in Paris).**

**The Chairman of Commission I (Dr. Smirnov) is in course of imposing "house style" on all the chapters for Volume 1.**

**S.McKenna-Lawlor, in addition to contributing a chapter and organizing the handling/editing of all other chapters, has prepared a preface for the book and designed a cover for it. The preface was sent to the internal Academy referee for his consideration.**

### **Website Study Information up to date? (Study Group Membership, Study Plan and Schedule):**

**Our group communicated directly with each other and did not use a dedicated website.**

**Issues requiring resolution? (recommend approach):**

Acceptance by Commission 1 during the Paris Meeting that the book and its proposed preface are ready to go forward for publication and their guidance as to the next formal steps.

Consideration by Commission 1 of the Book cover prepared by S. McKenna-Lawlor. Forwarding of the proposed cover to Dr. J.-M. Contant for his approval since it features, in particular, the Academy logo.

Establishment of steps that should be taken to request that Dr. Contant would provide a foreword for Volume 1.

**Product Deliveries on Schedule? (If modified explain rationale):**

It was requested by the Academy at its last biannual meeting that Volume 1 of this book should be ready for publication at the Paris Spring meeting (2012) and this target has been met.

**Study Team Member Changes?**

List any Study Team Members that you wish to discontinue, and provide names plus contact coordinates of any Members you wish to add on the second page of this Study Update form.) Note: Complete contact information including email, tel. and fax must be provided for all additions. Only Members with complete contact information will be listed and receive formal appointment letters from the IAA Secretariat.)

Not applicable

**Name of person providing Study Group Status (Study Group Chair or Co-Chair):**

Acad. Susan McKenna-Lawlor

**Status Report Date:**

12 March 2012