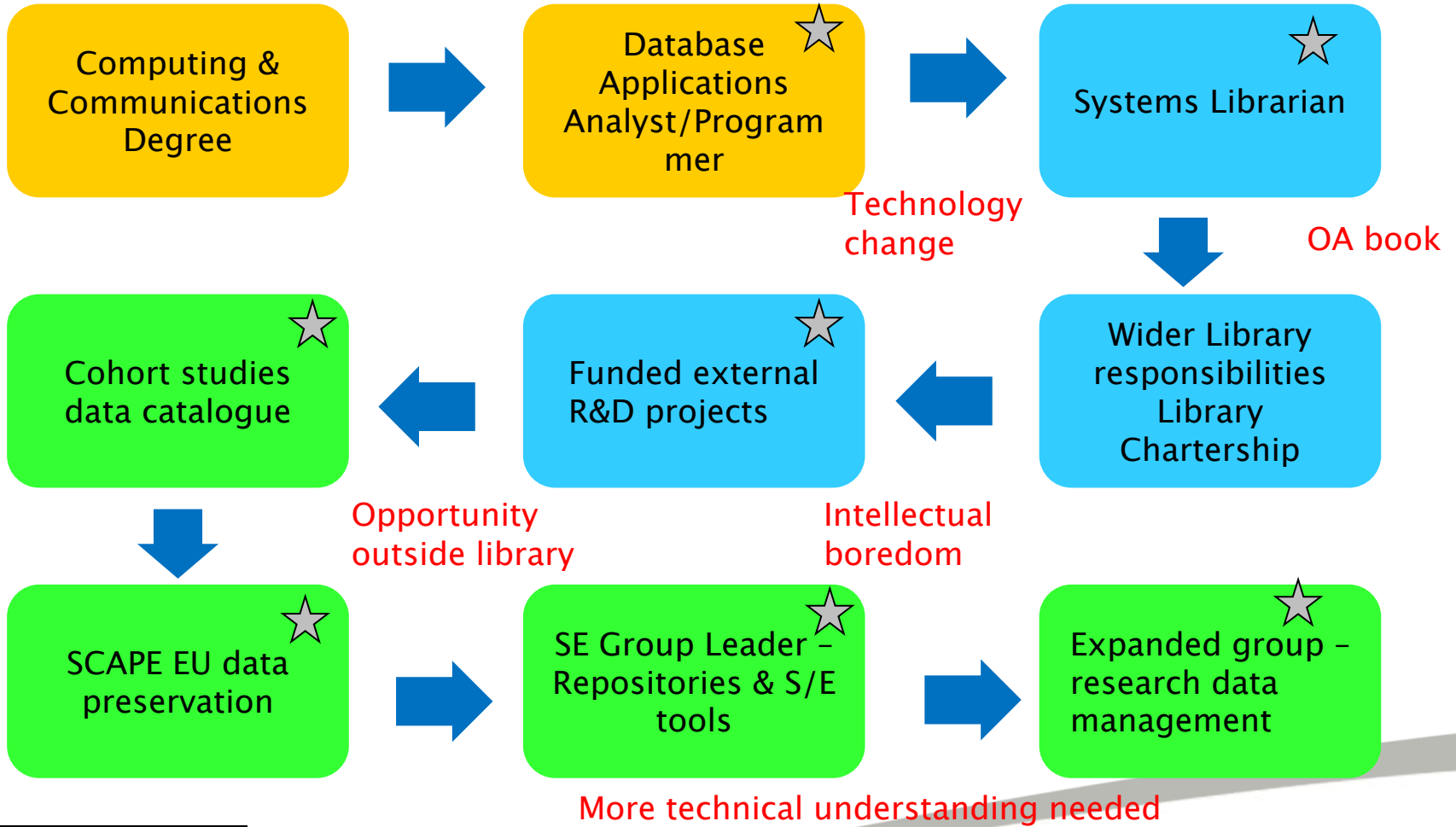Catherine Jones

Software Engineering Group Leader

Scientific Computing Department
STFC Rutherford Appleton Laboratory

My career @ STFC & predecessors

```
Computing &
Communications
Degree
```
→
```
Database
Applications
Analyst/Program
mer ★
```
→
```
Systems Librarian ★
```

Technology change

OA book

```
Cohort studies
data catalogue ★
```
←
```
Funded external
R&D projects ★
```
←
```
Wider Library
responsibilities
Library
Chartership
```

Opportunity outside library

Intellectual boredom

```
SCAPE EU data
preservation ★
```
→
```
SE Group Leader –
Repositories & S/E
tools ★
```
→
```
Expanded group –
research data
management ★
```

More technical understanding needed

Computing roles
Library domain roles
Fusion of both

Reproducible research:
publications, data & software

Science & Technology Facilities Council
10 Years of Impact and Inspiration

Themes

- RAL is an academic research environment

- Understanding requirements & domain specifics

- Testing

  - Own software

  - 3rd party software upgrades

  - Teams software

- Staff management

- Software/Project management

- Lots of overlap between Librarian & Computing/Database Analyst skills