

# Modellistica Medica

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# Lezione 14-15

## Exercise

### Mastering design patterns

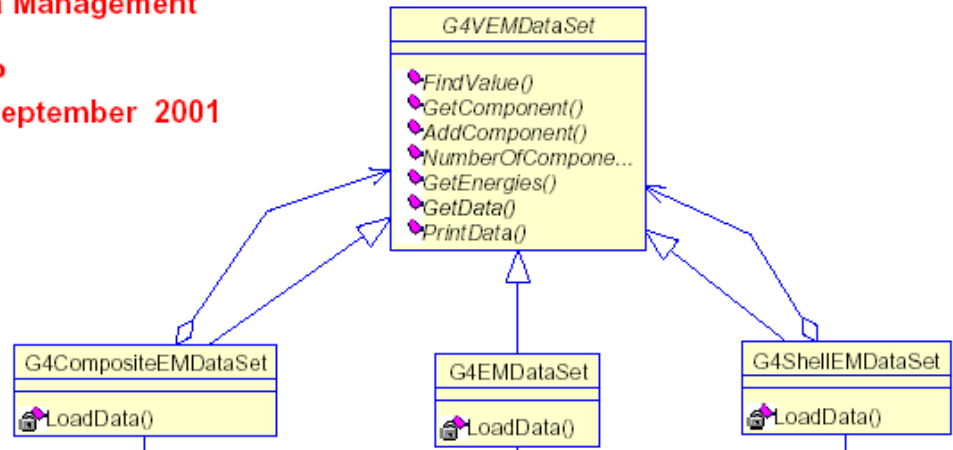
# Students' exercises with patterns

- Composite (Alfonso)
- Decorator (Barbara)
- ? (Daniele)
- Visitor (Michela)

# Composite pattern

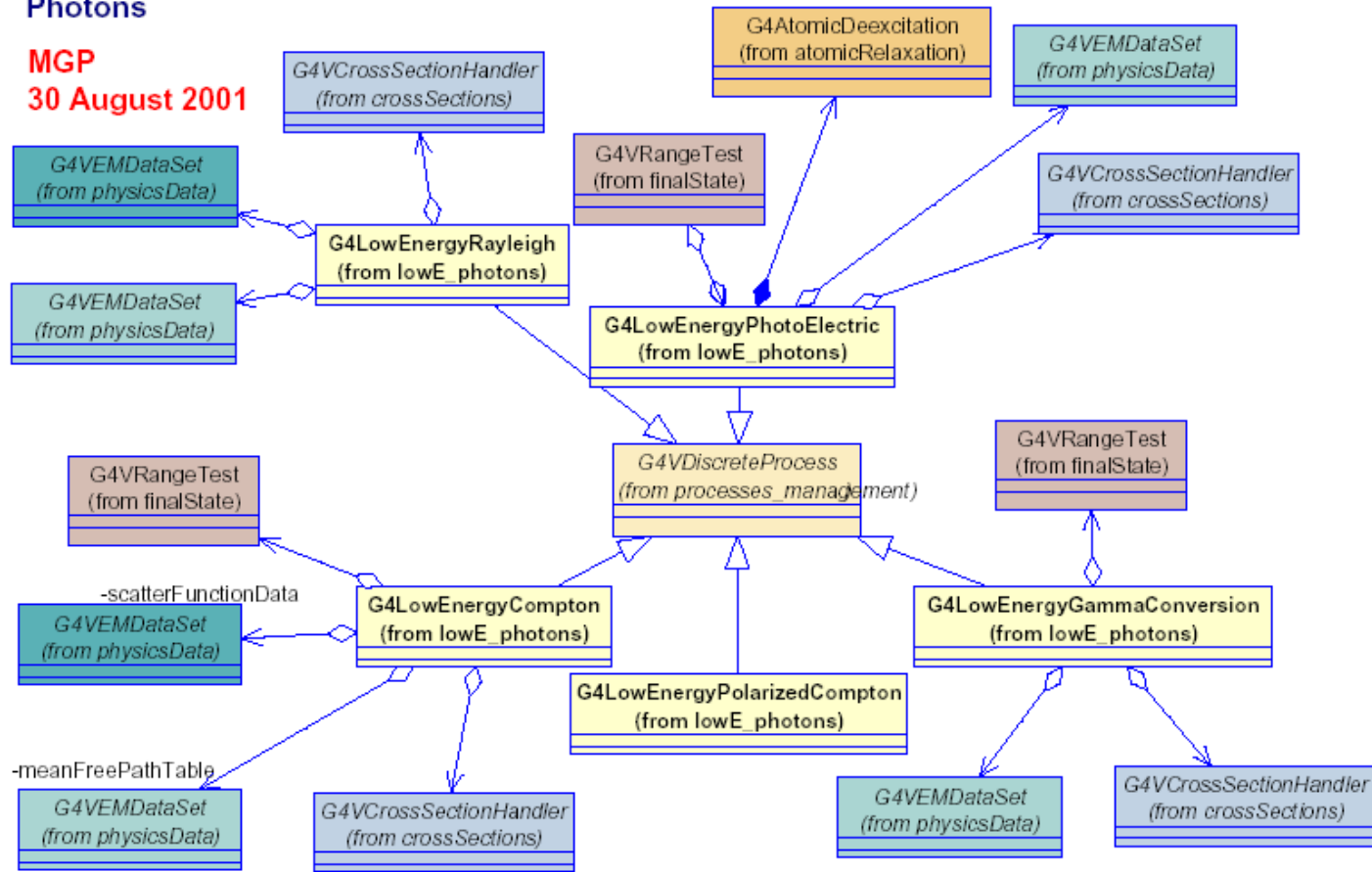
## Data Management

MGP  
13 September 2001



## Photons

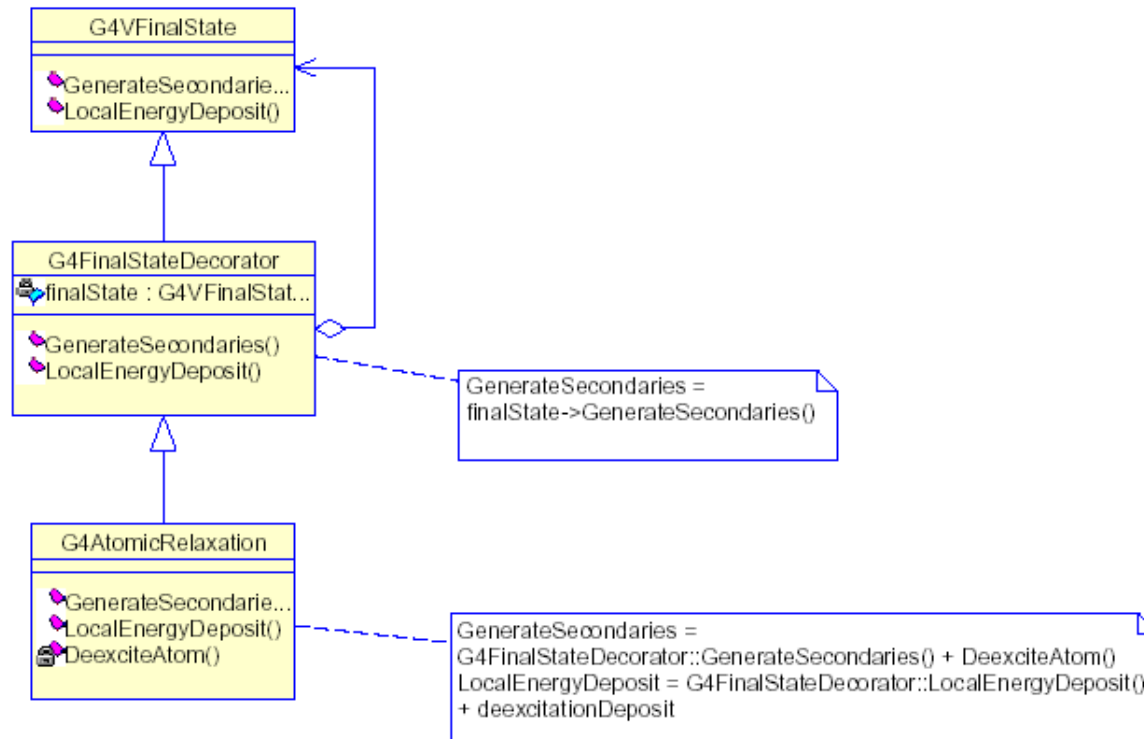
MGP  
30 August 2001



# Decorator pattern

## Atomic relaxation contribution to the Final State

September 2002  
MGP



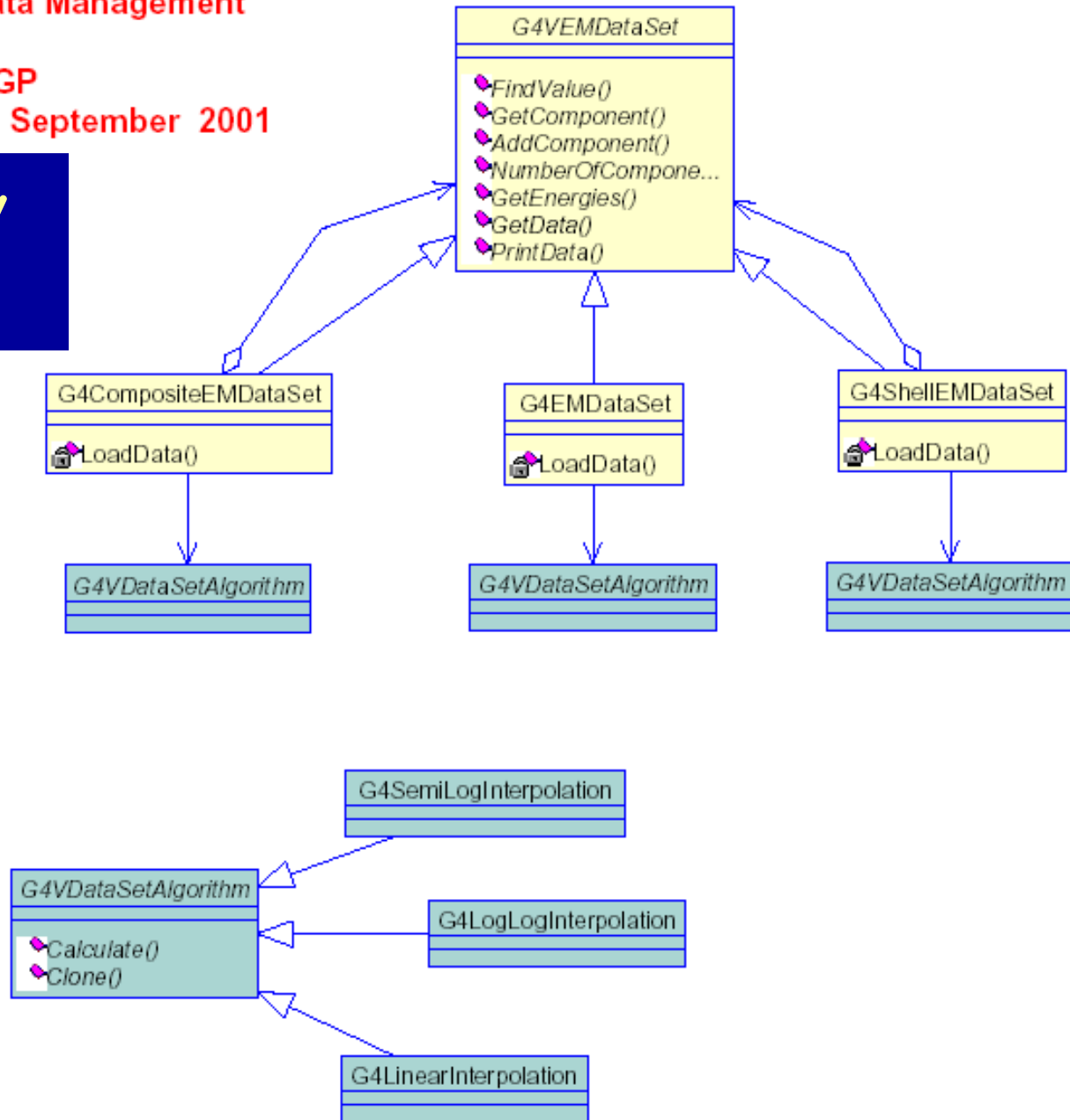
Atomic relaxation: responsibility added to a final state generation with a decorator pattern

## Data Management

MGP

13 September 2001

# Strategy pattern



# Abstract Factory

