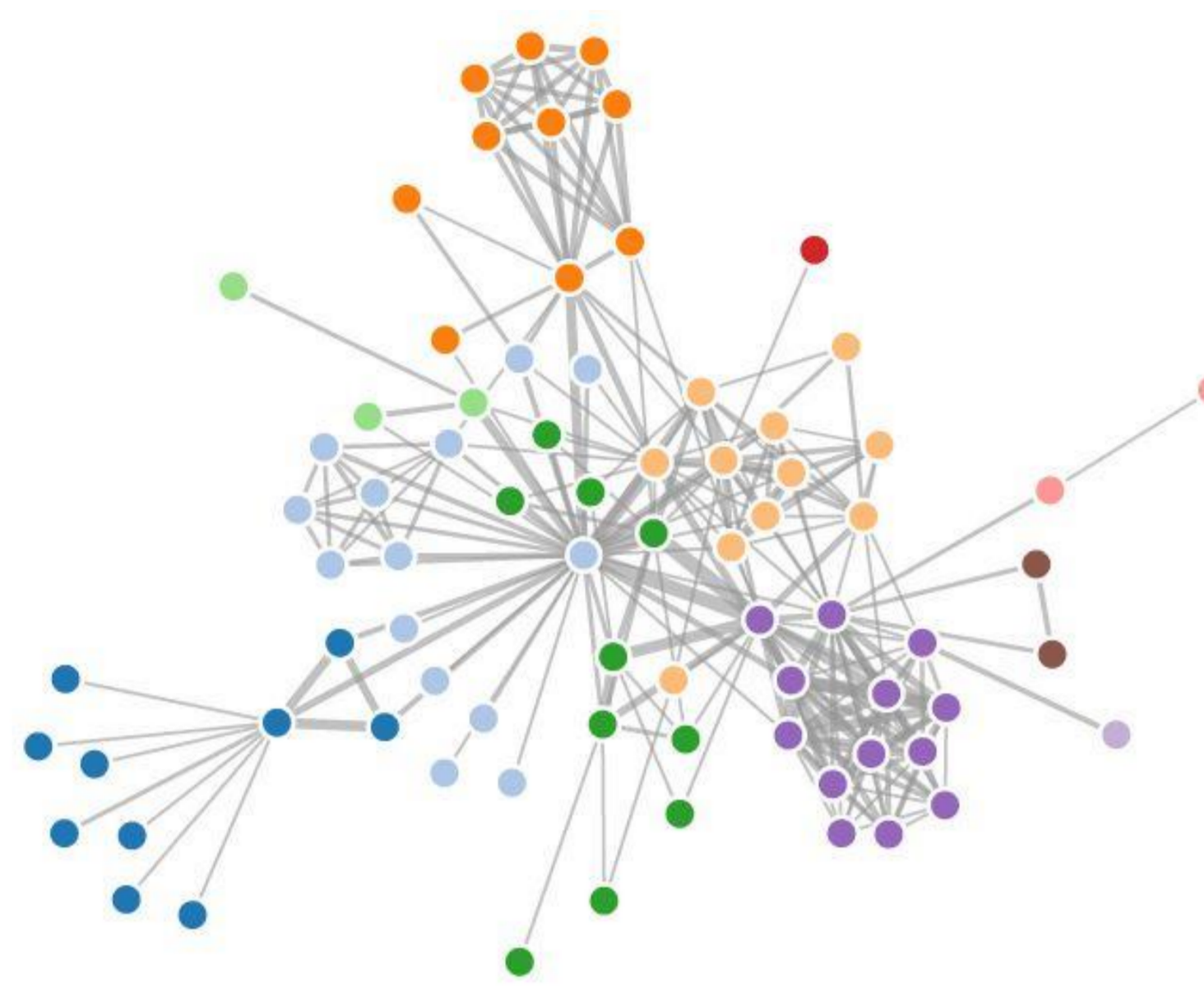




Scalable Community Detection on the Cloud (SCDC)

Arnau Prat Pérez, Josep L. Larriba Pey, Raquel Pateo Fernández

TTP Problem



SCD Scalable Community Detection

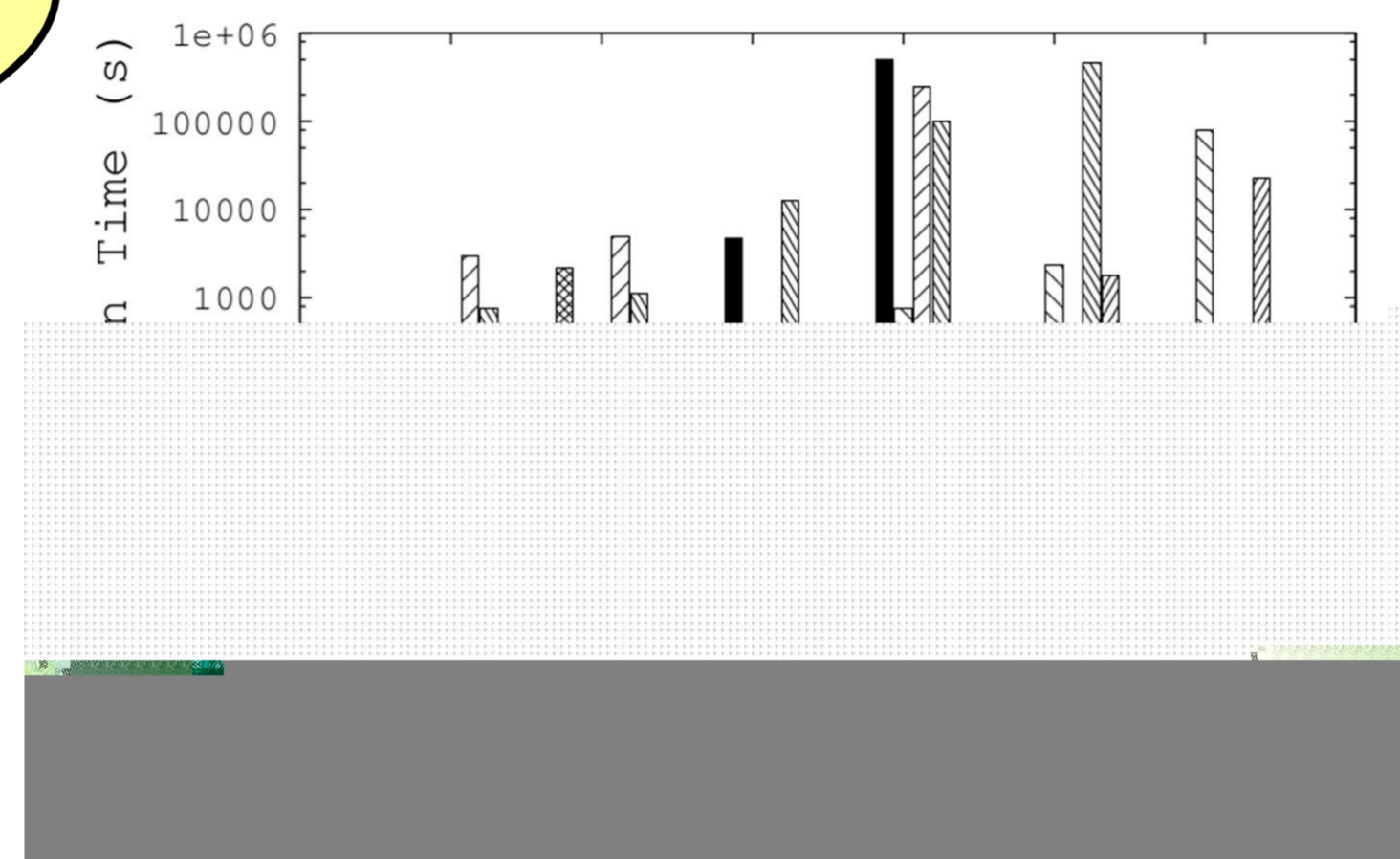
Based on:

- Triangle search

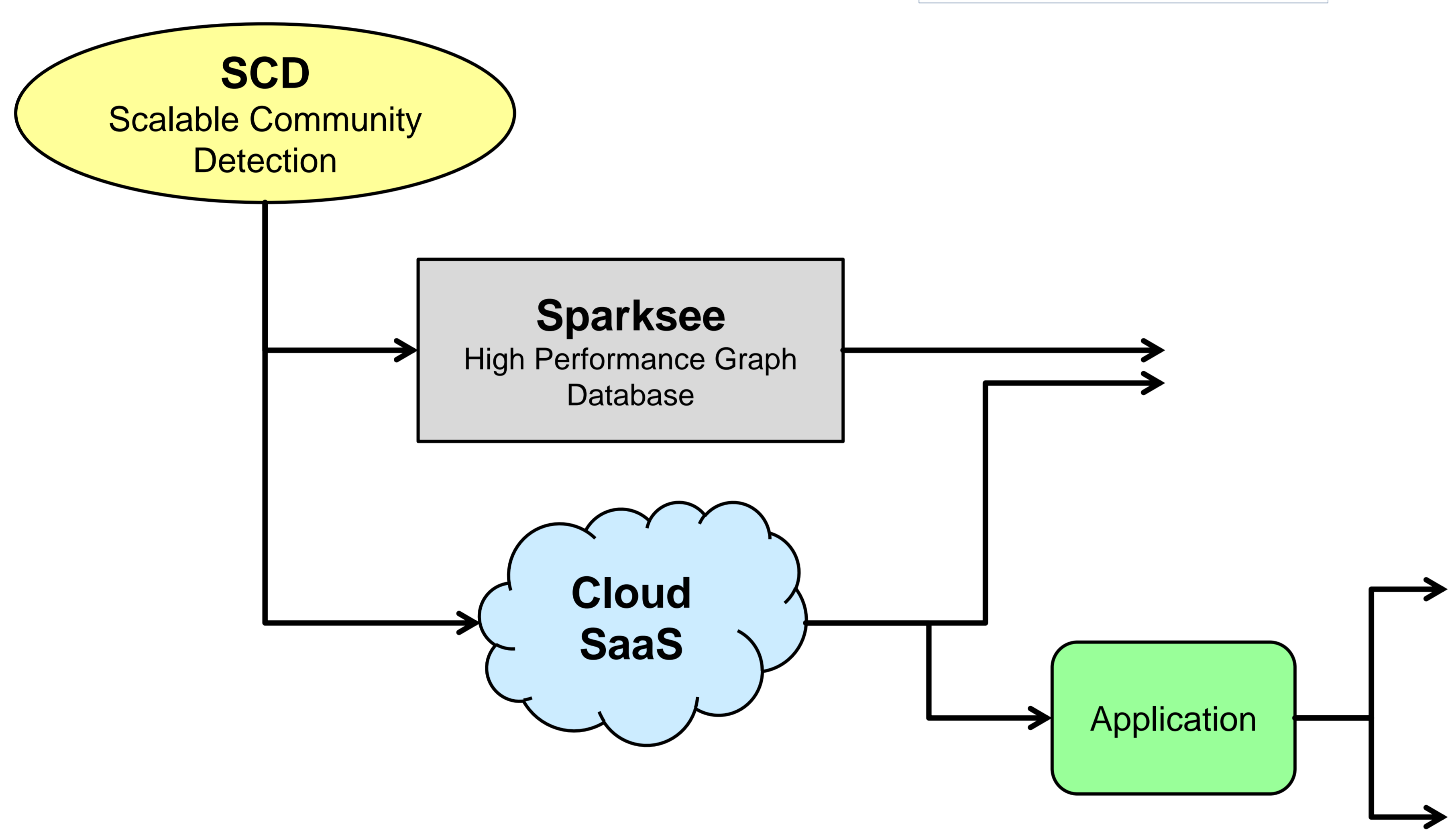
Provides:

- Massive parallelism
- High quality results

High Performance Community Detection



TTP Solution



SCD Scalable Community Detection

Sparksee High Performance Graph Database

Cloud SaaS

Application

Embedded in Sparksee Available on the Cloud

Programmers can use it:

- As a service
- Embedded in an application
- Through a server

Users:

- Without noticing
- High speed
- High quality communities

TTP Impact

Programmers:

- Easy to use SCD

Users:

- High quality, high speed community detection service.

Sparsity Technologies:

- SCD embedded in Sparksee
- Provide services

DAMA-UPC:

- Show the quality of the research done

TTP Facts

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