Session 27: Search Trees

**Content:**

**Balanced search Trees (B-trees)**

In this session we shall investigate balanced search trees and how they can be used for implementing efficient value based collections as *Map* and *Set*.

We also study how balanced search trees (B-Trees) are used as index in database systems.

**Intended Learning Outcome:**

* Can explain the principles of balanced search trees (2-3 trees).
* Can explain the principles of insertion and deletion in 2-3 trees.
* Can explain how 2-3 trees are generalized to B-trees and used as database indices.