

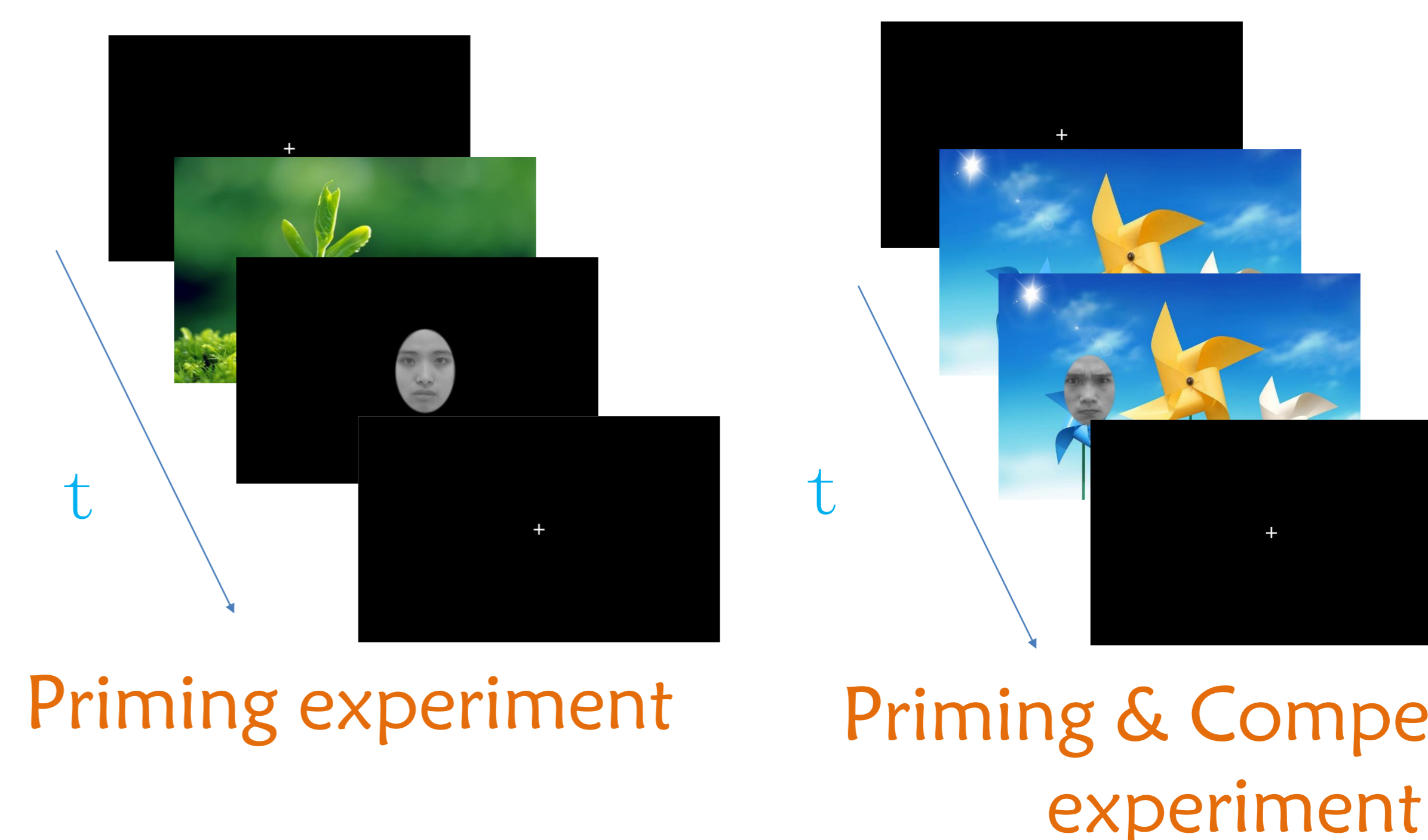


## Introduction

A novel psychological assessment method is proposed which is different from traditional consulting-based manners. Quantifying the psychological features and assessing the psychological state by measuring the response time of emotional images.

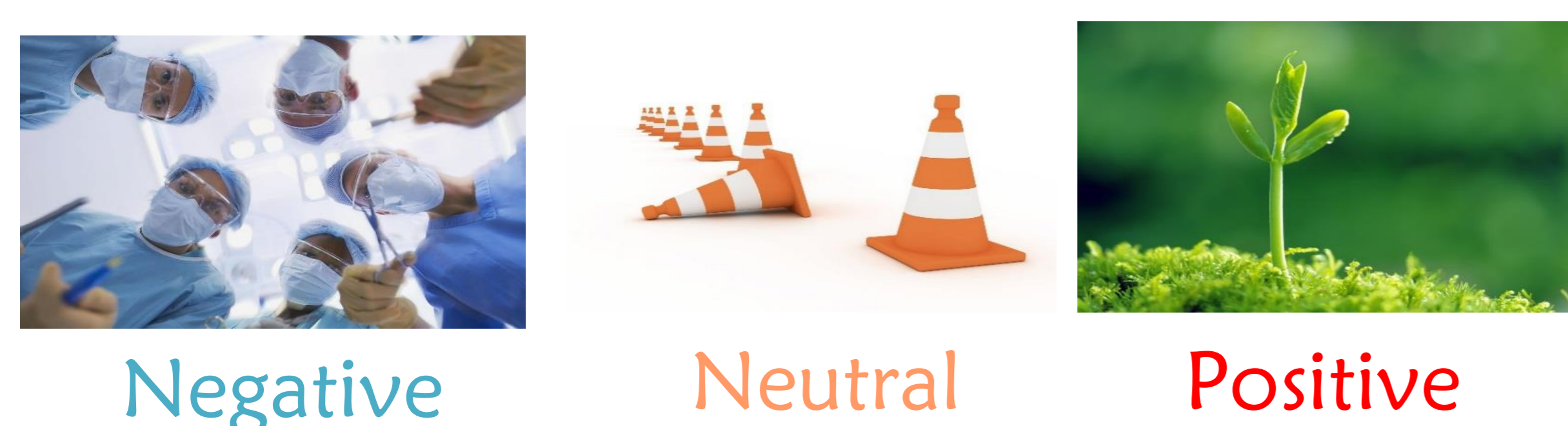
## Key Technologies

I. Psychological testing methods based on emotional image recognition



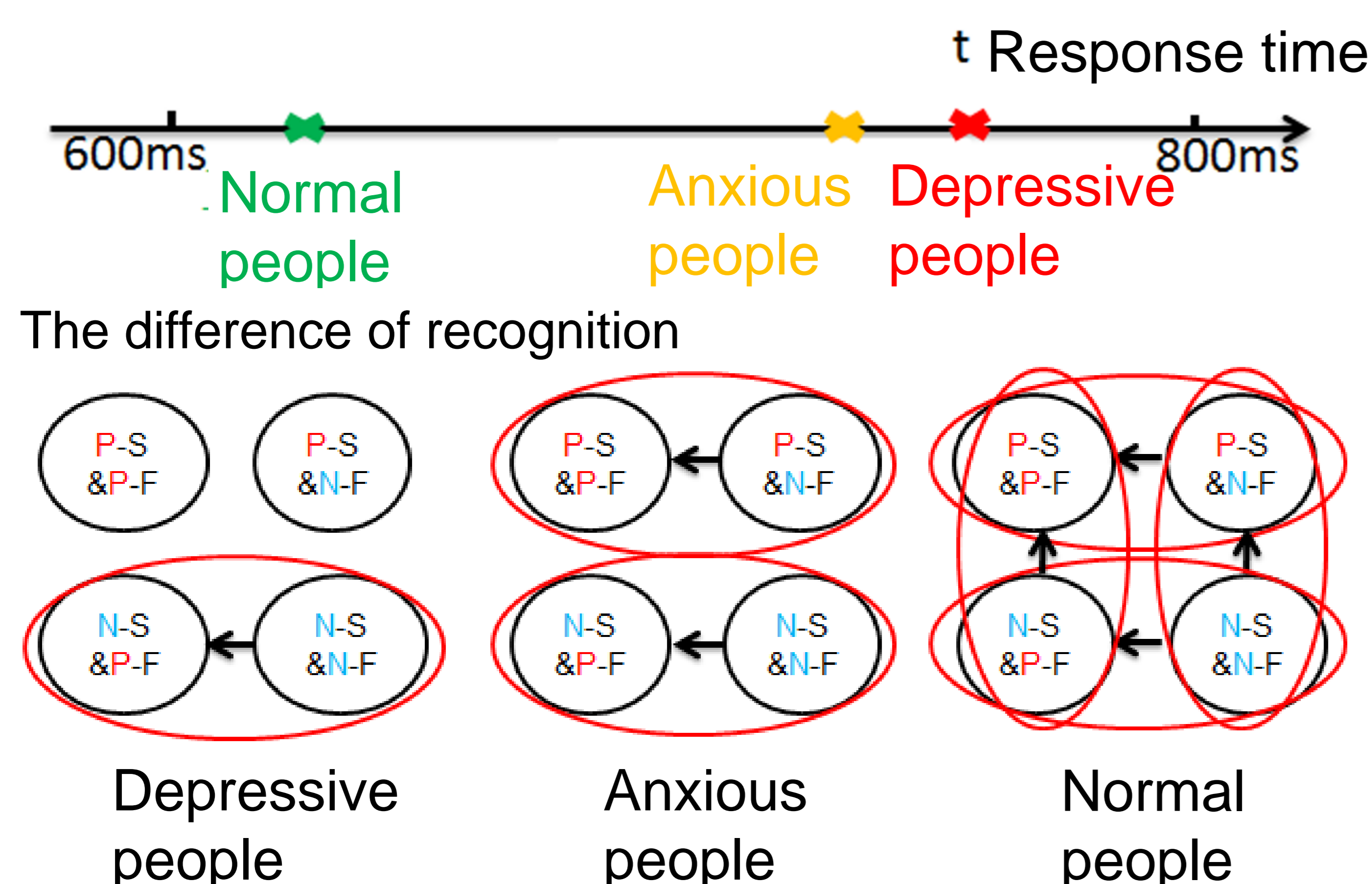
Patent CN 201310221563 : An new Image cognition psychoanalysis system

II. The first Psychological Image Database based on MMPI



Patent CN 201310222323 : Image database based on MMPI

III. Extracting the response time of emotional image recognition as psychological features



IV. Psychological features analysis and auxiliary diagnosis



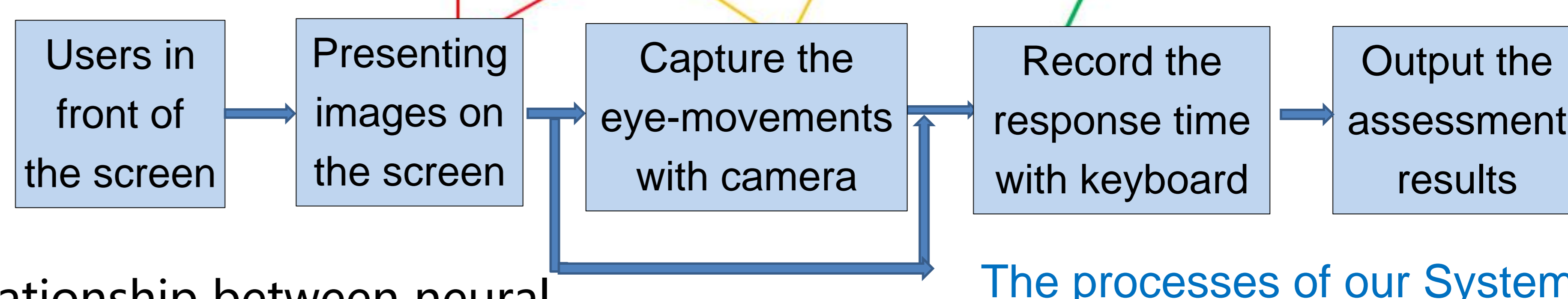
	Precision	Recall
Normal People	73.3%	81.5%
Abnormal People	80.0%	71.4%

## Application Prospects

- **Public Safety:** Early warning of risk groups
- **Education:** Early detection of psychological problems of students
- **Medical:** Auxiliary diagnosis of mental illness

## Fundamental Research

- **NSFC:** Extracting and analysis of psychological features based on image recognition.
- **Autonomous Research Programs of Tsinghua:** The relationship between neural mechanisms of face perception and attention.
- **Beijing Special Funds of Social Construction:** Mental state assessment system



The processes of our System