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# ARIES – Artificial Intelligence Empowered Stock Analyzer

[#Screening](#)[#Fintech](#)[#Data](#)[#2019](#)

The screenshot displays the ARIES interface with the following data:

股票代號	Stock Quote	0ABC
資料來源	Source	某大師預測
命中準	Hit rate	77%
目標差	Target Difference	65%
綜合評估	Overall Rating	72%

Below the interface, a purple box identifies the Principal Investigator:

**Principal Investigator**  
**Dr. FUNG Pui Cheong Gabriel**  
 DEPARTMENT OF SYSTEMS ENGINEERING AND ENGINEERING MANAGEMENT

A pink box lists the funding source:

- Funding: Cyberport

The existing stock trading platforms only push massive amount of news to users. Stock traders can hardly digest the reports by themselves. When a stock analyst predicts that one stock price will rise while another analyst predicts the opposite, which news report is more reliable? ARIES (Artificial Intelligence Empowered Stock-analyzer), developed by CUHK research team, uses AI technology to aggregate and analyze data from multiple sources in real-time to provide investors useful information.

## Uniqueness and Competitive Advantages:

- ARIES is an automated AI tracing and surveying system that analyze news reports using big data, machine learning and natural language processing techniques.
- The system can automatically collect broker reports of stock analysts over the past few years, then determine from stock market records whether the predictions have been correct. Hence, it can analyze the reliability of a stock analyst's prediction.

The diagram illustrates the ARIES workflow. On the left, the 'Input' screen shows a list of stock analysts: 花旗 Citi, 美林 Merrill Lynch, 滙豐 HSBC, 摩根 J.P. Morgan, and 高盛 Goldman Sachs. A '提交 Submit' button is at the bottom. An arrow points to the right, where the 'Output' screen displays the analysis results for 0ABC, including a line graph showing stock price fluctuations over time.

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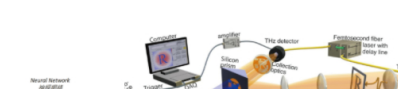
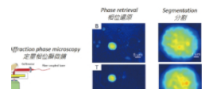
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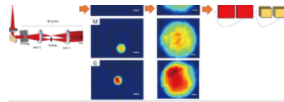




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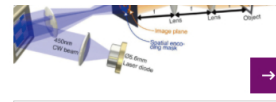
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