



KISTI-ACOMS : Article COntribution MAnagement System

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2006. 10. 25

Korea Institute of Science and Technology Information



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KISTI-ACOMS

- Article **CO**ntribution **M**anagement **S**ystem
- Web-based Paper Submission & Review System
 - Support the major activities of academic societies including membership management, journal processing, conference organization, e-journal management and search system
- Developed as a part of the national project for raising information society index of academic societies since 2001
- Distributed to **225 academic societies** free of charge by KISTI

History

- Ver. 1.0
 - Released on Nov. 2001
- Ver 1.5
 - Released on Nov. 2004
 - Minor performance improvement
- Ver 2.0
 - Release on Sep. 2005
 - Redesigned & implemented based on more than 300 requirements from many academic societies

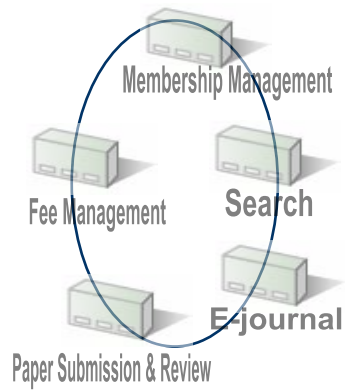
Structure

Journal Publishing - Manager

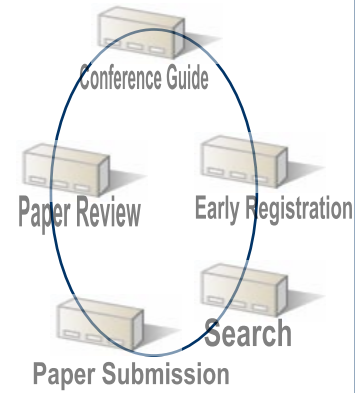


Journal Publishing - User

Journal Publishing



Conference Management



Conference Management - Manager



Conference Management - User

Characteristics

- **Flexible system** to be applied to almost all the academic societies
- **Searching similar papers** to a submitted paper
- Providing **English interface** as well as Korean interface
- **Preprinting** service
- **E-mail & SMS** delivery service

Flexible system

- Developed based on more than 300 requirements from many academic societies
- Can be easily customized by the system administrator of an academic society

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- 심사위원별 심사답변서 작성 예 아니오(하나만 작성)
- 심사 기간 일반 논문 심사 요망 : 10 일, 마감 : 15 일
긴급 논문 심사 요망 : 5 일, 마감 : 10 일
- 최대 심사위원 수 3
- 편집위원 총평하기 위한 심사의견서 최소 2
- 수정 논문의 재심 게재 가 결정을 내리지 않은 심사위원이 심사 모든 심사위원이 심사
- 우수논문 추천 사용 예 아니오

저자 정보 공개

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Searching Similar Papers

- Based on huge journal database (431,401 articles) in KISTI

① Search similar papers

② View a similar paper in detail

③ View full text of a similar paper in PDF

The image illustrates the process of finding similar papers on the KISTI Academic Content Management System. It shows a search results page, a detailed view of a specific paper, and a PDF viewer displaying the full text of the selected paper.

Step 1: Search similar papers

The search results page shows a list of papers. The search button is highlighted with a red box. The search results include:

- 다중 시계열 패턴 분석에 의한 소프트웨어 계속 (1.0) 김계영, 한국인터넷정보학회논문지, 1598-0170, 제6권1호, pp.105-114, 2005
- 지역특징과 지역특징을 통한 필기문자열의 품질평가시스템 (1.0) 김계영, 한국인터넷정보학회논문지, 1598-0170, 제5권6호, pp.121-128, 2004
- 연결선 파괴에 의한 인공 신경망의 크기 축소 (0.401) 이재식, 이학주, 한국인터넷정보학회논문지, 1598-0170, 제5권5호, pp.93-97, 2004
- 시계열 자료의 예측을 위한 베이저안 순환 신경망에 관한 연구 (0.340) 홍인영, 박성호, 윤현성, 박신배, 제어자동화시스템공학회논문지, 1229-9845, 제10권12호, pp.1295-1304, 2004
- Neural Network Architecture for the Estimation of Driver's Route Choice (0.303) 김광진, 김대현, 서호영, KSCE journal of civil engineering, 1228-7988, 제6권3호, 2002
- 모뎀화된 신경망 모델을 이용한 콘크리트 강도 추정 시스템 개발 (0.303) 이영삼, 임재홍, 대한건축학회논문집, 구조계, 1228-9107, 제19권4호, pp.81-87, 2003

Step 2: View a similar paper in detail

The detailed view of the paper "시계열 자료의 예측을 위한 베이저안 순환 신경망에 관한 연구 (0.340)" is shown. The title is highlighted with a red box. The abstract and keywords are visible.

Step 3: View full text of a similar paper in PDF

The full text of the paper is displayed in a PDF viewer. The title and abstract are visible. The abstract text is: "Abstract : In this paper, the Bayesian recurrent neural network is proposed to predict time series data. A neural network predictor requires proper learning strategy to adjust the network weights, and one needs to prepare for non-linear and non-stationary evolution of network weights. The Bayesian neural network in this paper estimates not the single set of weights but the probability distributions of weights. In other words, the weights vector is set as a state vector and its probability distributions are estimated in accordance with the particle filtering process. This approach makes it possible to obtain more exact estimation of the weights. In the aspect of network architecture, it is known that the recurrent feedback structure is superior to the feedforward structure for the problem of time series prediction. Therefore, the recurrent neural network with Bayesian inference, what we call Bayesian recurrent neural network (BRNN), is expected to show higher performance than the normal neural network. To verify the proposed method, the time series data are numerically generated and various kinds of neural network predictor are applied on it in order to be compared. As a result, feedback structure and Bayesian learning are better than feedforward structure and backpropagation learning, respectively. Consequently, it is verified that the Bayesian recurrent neural network shows better a prediction result than the common Bayesian neural network."

English Interface

- Available to foreign contributors, editors, reviewers for international journals and conferences

The 2006 International Conference on Multimedia, Information Technology and its Applications(MITA2006)

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Venue

The conference will be held at Dalian University of Light Industry, Dalian, China.

Dalian is one of cities most opening up, full of vigor, strongest in overall economic capacity and most rapid in social undertaking development in the northeastern area, which is praised as "A Bright Pearl in North China". Dalian locates at the south tip of Liaodong Peninsular, contiguous to the Bohai Sea in the northwest, facing the Huanghai Sea in the southeast and opposite to Shangdong Peninsular across the Bohai Bay.

Dalian has long been known as the "gate of Beijing and Tianjin". Backing with the vast hinterland of northeast continent in the north, it can be called the "window of northeast sea, land and air, it is not only north China but also a major change between China and the

For the detail Please! Download this!

Notice

Deadline of the abstract paper submission will extend to May 30, 2006.

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완료 인터넷

Preprinting

- Members can view camera-ready-papers to be published in advance

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SEARCH

Future Plans

- Encouraging more academic societies to use KISTI-ACOMS
- Supporting multiple languages
- Covering various paper review processes
- Improving UI & web accessibility