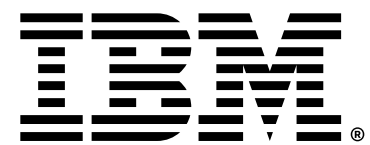# 2023 IMS Customer Internship

June 5th- 16th, 2023

IBM

IMS Customer Internship

Whether you're new to IBM Information Management System (IMS) or have many years of experience, join us for the IMS Customer Internship, which will provide educational sessions to help you advance your IMS skills and expertise.

This is a great opportunity to explore a broad range of topics: learn what's new in IMS, get access to hands-on labs, and take advantage of breakout sessions with IMS experts at IBM's Silicon Valley Lab.

Location

IBM Silicon Valley Lab
555 Bailey Ave.
San Jose, CA 95141

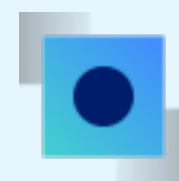Register here ↗

Date

Week 1: June 5th - 9th

Focus on IMS Database Manager

Week 2: June 12th - 16th

Focus on IMS Transaction Manager

*Breakout sessions with an IMS expert are subject to availability
** Please be sure to bring your laptops to participate in hands-on labs

Driving directions and transportation options

Driving directions

From San Jose International Airport

- Follow signs to CA-87 south.
- Merge onto CA-85 south heading toward Gilroy. Take US-101 and exit Bailey avenue (EXIT 373).
- Turn right onto Bailey avenue.
- Drive approximately 2 miles; the IBM building will be on the right.

From the Peninsula and San Francisco

- Take US-101 south and exit Bailey avenue (EXIT 373).
- Turn right onto Bailey avenue.
- Drive approximately 2 miles; the IBM building will be on the right.

Transportation options

- Rental cars ↗
  - Enterprise - 1-800-736-8222
  - Hertz - 1-800-654-3131
  - Sixt - 1-888-749-8227

- App-Based Rideshare ↗
  - UBER - https://www.uber.com
  - Lyft - https://www.lyft.com

- Taxis ↗
  - Yellow Cab- (408) 777-7777

Please note that IBM does not provide bus or shuttle service for attendees

Parking and check-in process

Parking

Please park in parking area 4 and walk to the main lobby.

For detailed parking instructions, please refer to the following page.

Check-in process

To ensure a smooth check-in process please:

- Plan to arrive at or before 8:30am on your first day.

- Bring a valid ID.

- Make sure to sign in at reception and remain in the lobby until escorted by an IBMer to the meeting room (K116).

An IBM employee must escort you at all times on the campus. Door badges will not be provided.

Follow event parking signs to Parking Area 4

Drive past the security gate from Bailey Ave.

Follow the red arrows to Parking Area 4, which will be on your left (marked on the picture with red stars). After parking, please walk to the main lobby for check-in.

*Please DO NOT park in Visitor Parking
**ID required upon arrival

Hotel recommendations

Hayes Mansion

200 Edenvale Ave, San
Jose, CA 95136

(408) 226-3200

9.3 miles from SVL

San Jose Marriot

301 South Market St.
San Jose, CA 95113

(408) 280-1300

16.8 miles from SVL

*Near airport and recommended restaurants

Wyndham Garden San Jose Silicon Valley

399 Silicon Valley Blvd,
San Jose, CA 95138

(408) 972-7800

5.9 miles from SVL

Dining recommendations

Odeum Restaurant

Plates of sophisticated Mediterranean fare are presented in a light, airy space with brick walls.

Yard House

High-end sports-bar chain with a huge menu of New American fare & an extensive list of draft beers.

The Table

An urban, neighborhood eatery focused on seasonal ingredients, hand-crafted cocktails & progressive wines.

Il Fornaio

Elegant private dining space and authentic, award-winning Italian cuisine.

Ozumo

Contemporary Japanese cuisine offering a traditional sushi bar, robata grill and sake lounge.

Eataly Silicon Valley

A foodie's paradise; equipped with over a dozen authentic Italian eateries, cafes, and a marketplace.

Week 1
Agenda

Agenda

Week 1
Monday, June 5th

Welcome & IMS Fundamentals

Time	Session	Presenter	Location
9:00 – 9:30am	Welcome + Agenda	Maria Tzortzatos	K116
9:30 – 10:30am	IMS Fundamentals Activity	Shannon Farrington Amanda Stephens	Multipurpose Field
10:30 – 11:30am	IMS V15 + z16 + What's Next	Mario Perotti	K116
11:30 – 12:00pm	IMS Educational Content + Resources	Michelle Carey	K116
12:00 – 1:00pm	Lunch		SVL Cafeteria
1:00 – 2:30pm	Design Thinking Session	Shannon Farrington	K116
2:30 – 2:45pm	Break		
2:45 – 4:45pm	IMS Fundamentals	Greg Vance	K116
4:45 – 5:00pm	Day 1 Retrospective	Shannon Farrington Amanda Stephens	K116

*Sessions, presenters, and times are subject to change

Agenda

Tuesday, June 6th

IMS Fundamentals & IMS Database

Time	Session	Presenter	Location
9:00 – 10:30am	IMS Fundamentals	Deepak Kohli Greg Vance	K116
10:30 – 10:45am	Break		
10:45 – 12:00pm	IMS Fundamentals	Deepak Kohli Greg Vance	K116
12:00 – 1:00pm	Lunch		SVL Cafeteria
1:00 – 2:45pm	Basic IMS Database *Lecture*	Deepak Kohli	K116
2:45 – 3:00pm	Break		
3:00 – 5:00pm	IMS Database Recovery *Lecture*	Dennis Eichelberger	K116

*Sessions, presenters, and times are subject to change

Agenda

Week 1
Wednesday, June 7th

IMS Database Manager

Time	Session	Presenter	Location
9:00 – 10:45am[1]	Basic IMS Database Recovery Control (DBRC) *Lecture*	Greg Vance	K116
10:45 – 11:00am	Break		
11:00 – 12:00pm	Database Administrator's View of DBRC	Greg Vance	K116
12:00 – 1:00pm	Lunch		SVL Cafeteria
1:00 – 2:00pm	System Programmer's View of DBRC	Greg Vance	K116
2:00 – 3:00pm	IMS Database Reorganization	Deepak Kohli	K116
3:00 – 3:15pm	Break		
3:15 – 5:00pm	Sessions Based on Customer Feedback	TBD	K116

*Sessions, presenters, and times are subject to change
Note 1: Breaks given at teacher/student discretion.
Preferably between lecture and lab

Agenda
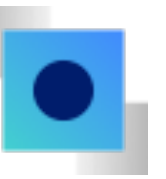
Week 1
Thursday, June 8th

IMS High Availability Large Databases (HALDB) + IMS catalog

Time	Session	Presenter	Location
9:00 – 10:15am	IMS HALDB and Online Reorganization	Deepak Kohli	K116
10:15 – 10:30am	Break		
10:30 – 12:00pm	IMS Catalog	Deepak Kohli	K116
12:00 – 1:00pm	Lunch		SVL Cafeteria
1:00 – 2:45 pm	Managing the IMS Catalog	Deepak Kohli	K116
2:45 – 3:00pm	Break		
3:00 – 5:00pm	IMS Catalog , HALDB Re-Partitioning & Locking, and HALDB Partition Management *Lab*	Deepak Kohli Dennis Eichelberger	K116

*Sessions, presenters, and times are subject to change
Note 1: Breaks given at teacher/student discretion.
Preferably between lecture and lab

Agenda

Week 1
Friday, June 9th

Managed ACBs, *IMS Native z/OS DDL Utility (zDDL), and IMS Explorer*

Time	Session	Presenter	Location
9:00 – 10:30am	Migrating to Managed ACBs	Deepak Kohli	K116
10:30 -10:45am	Break		
10:45 – 12:00pm	Managing Application Change Using Managed ACBs	Deepak Kohli	K116
12:00 – 1:00pm	Lunch		SVL Cafeteria
1:00 – 2:45pm	IMS Native z/OS DDL Utility + DDL *Lecture & Lab*	Deepak Kohli Harman Gill	
2:45-3:00pm	Break		
3:00 – 5:00pm	IMS Explorer for Development & Open DDL *Lecture & Lab*	Dennis Eichelberger	K116

*Sessions, presenters, and times are subject to change

Week 2
Agenda

Agenda

Week 2
Monday, June 12th

IMS Fundamentals Recap &
IMS Application Programming

Time	Session	Presenter	Location
9:00 – 10:00am	IMS Fundamentals Recap	Greg Vance	K116
10:00 – 12:00pm[1]	IMS Application Programming Fundamentals	Carlos Alvarado	K116
12:00 – 1:00pm	Lunch		SVL Cafeteria
1:00 – 2:45pm	Java™ Database Connectivity (JDBC) Application Programming with Direct IMS DB Access	Mahmood Abuzaina	K116
2:45-3:00pm	Break		
3:00 – 4:00pm	Architecting & Programming with Java *Lecture and Demo*	Carlos Alvarado	K116
4:00 – 5:00pm	IMS Database Access with Explorer for Development (E4D), Transaction Test, JDBC with Local Meta Data, JDBC with Catalog, & SQL Query Builder *Lab*	Suzie Wendler	K116

*Sessions, presenters, and times are subject to change
Note 1: Breaks given at teacher/student discretion.
Preferably between lecture and lab

Agenda

Week 2
Tuesday, June 13th

IMS Transaction Manager

Time	Session	Presenter	Location
9:00 – 10:45am	Scheduling Transactions & Shared Queues	Dennis Eichelberger	K116
10:45 – 11:00am	Break		
11:00 – 12:00pm	Open Transaction Manager Access (OTMA)	Jack Yuan Kitty Fung	K116
12:00 – 1:00pm	Lunch		SVL Cafeteria
1:00 – 2:00pm	Defining IMS Connect & Open Database Manager (ODBM)	Suzie Wendler	K116
2:00 – 3:00pm	Enabling APIs with IMS Resources	Suzie Wendler	K116
3:00 – 3:15pm	Break		
3:15 – 5:00pm	z/OS Connect, the IMS Service Provider, IMS DB Provider, and API Requester *Lab*	Suzie Wendler	K116

*Sessions, presenters, and times are subject to change

Agenda

Week 2
Wednesday, June 14th

Managing the IMS System / Troubleshooting

Time	Session	Presenter	Location
9:00 – 10:00am	IMS Performance Analysis & Tuning	Dennis Eichelberger	K116
10:00 – 11:00am	IMS System Emergency Restart *Lecture & Demo*	Carlos Alvarado	K116
11:00 – 12:00pm	IMS Security & Encryption	Dennis Eichelberger Suzie Wendler	K116
12:00 – 1:00pm	Lunch		SVL Cafeteria
1:00 – 2:00pm	Is Your IMS the Best It Can Be? *Part 1*	Dennis Eichelberger	K116
2:00 – 3:00pm	Is Your IMS the Best It Can Be? *Part 2*	Dennis Eichelberger	K116
3:00 – 3:15pm	Break		
3:15 – 5:00pm	Make it Difficult for IMS Problems to Hide	Dennis Eichelberger	K116

*Sessions, presenters, and times are subject to change
Note 1: Breaks given at teacher/student discretion.
Preferably between lecture and lab

Agenda

Week 2
Thursday, June 15th

IMS Modernization

Time	Session	Presenter	Location
9:00 – 10:15am	Best Practices for IMS High Availability & Resiliency	Suzie Wendler	K116
10:15 - 10:30am	Break		
10:30 – 12:00pm	IMS & Red Hat Ansible® Certified Content for IBM Z	Haley Fung Bryant Panyarachun Stephanie Lieu	K116
12:00 – 1:00pm	Lunch		SVL Cafeteria
1:00 – 2:00pm	Cloud Native IMS Provisioning and Application Development with the IBM Z Cloud and Modernization Stack	Haley Fung Bryant Panyarachun	K116
2:00 – 2:15pm	Break		
2:15 –2:45pm	z/OS Connect Open API3 support for IMS	Manali Thotapalli	K116
2:45– 3:15pm	IMS Explorer for Development Futures	Haley Fung	K116
3:15– 3:30pm	Break		
3:30 – 5:00pm	Red Hat Ansible® Certified Content for IBM Z Hands-on Lab	Team	K116

*Sessions, presenters, and times are subject to change

Agenda

Week 2
Friday, June 16th

Breakout sessions & Retrospective

Time	Session	Presenter	Location
9:00 – 10:45am	Sessions Based on Customer Feedback	TBD	K116
10:45 – 11:00am	Break		
11:00 – 12:00pm	IMS Customer Internship Retrospective	Shannon Farrington Amanda Stephens	K116
12:00 – 1:00pm	Lunch		SVL Cafeteria
1:00pm	Breakout Sessions		

*Sessions, presenters, and times are subject to change

Questions about the event?
Please contact the following IBMers:

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Thank you.